WEST Search History

DATE: Tuesday, November 26, 2002

Set Name side by side	Query	Hit Count	Set Name result set
DB=USPT,PGPB,JPAB,EPAB,DWPI; THES=ASSIGNEE; PLUR=YES; OP=ADJ			
L4	allergy and L3	30	L4
L3	antagonist and L2	46	L3
L2	Chemokine and L1	66	L2
L1	tarc	212	L1

END OF SEARCH HISTORY

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 NEWS  3  Apr 09   BEILSTEIN: Reload and Implementation of a New Subject Area
 NEWS  4  Apr 09   ZDB will be removed from STN
 NEWS  5  Apr 19   US Patent Applications available in IFICDB, IFIPAT, and
IFIUDB
 NEWS  6  Apr 22   Records from IP.com available in CAPLUS, HCAPLUS, and
ZCAPLUS
 NEWS  7  Apr 22   BIOSIS Gene Names now available in TOXCENTER
 NEWS  8  Apr 22   Federal Research in Progress (FEDRIP) now available
 NEWS  9  Jun 03   New e-mail delivery for search results now available
 NEWS 10  Jun 10   MEDLINE Reload
 NEWS 11  Jun 10   PCTFULL has been reloaded
 NEWS 12  Jul 02   FOREGE no longer contains STANDARDS file segment
 NEWS 13  Jul 22   USAN to be reloaded July 28, 2002;
                   saved answer sets no longer valid
 NEWS 14  Jul 29   Enhanced polymer searching in REGISTRY
 NEWS 15  Jul 30   NETFIRST to be removed from STN
 NEWS 16  Aug 08   CANCERLIT reload
 NEWS 17. Aug 08   PHARMAMarketLetter(PHARMAML) - new on STN
 NEWS 18  Aug 08   NTIS has been reloaded and enhanced
 NEWS 19  Aug 19   Aquatic Toxicity Information Retrieval (AQUIRE)
                   now available on STN
 NEWS 20  Aug 19   IFIPAT, IFICDB, and IFIUDB have been reloaded
 NEWS 21  Aug 19   The MEDLINE file segment of TOXCENTER has been reloaded
 NEWS 22  Aug 26   Sequence searching in REGISTRY enhanced
 NEWS 23  Sep 03   JAPIO has been reloaded and enhanced
 NEWS 24  Sep 16   Experimental properties added to the REGISTRY file
 NEWS 25  Sep 16   Indexing added to some pre-1967 records in CA/CAPLUS
 NEWS 26  Sep 16   CA Section Thesaurus available in CAPLUS and CA
 NEWS 27  Oct 01   CASREACT Enriched with Reactions from 1907 to 1985
 NEWS 28  Oct 21   EVENTLINE has been reloaded
 NEWS 29  Oct 24   BEILSTEIN adds new search fields
 NEWS 30  Oct 24   Nutraceuticals International (NUTRACEUT) now available on
STN
 NEWS 31  Oct 25   MEDLINE SDI run of October 8, 2002
 NEWS 32  Nov 18   DKILIT has been renamed APOLLIT

 NEWS EXPRESS  October 14 CURRENT WINDOWS VERSION IS V6.01,
               CURRENT MACINTOSH VERSION IS V6.0a(ENG) AND V6.0Ja(JP),
               AND CURRENT DISCOVER FILE IS DATED 01 OCTOBER 2002
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FILE 'HOME' ENTERED AT 13:43:34 ON 22 NOV 2002

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FILE 'BIOSIS' ENTERED AT 13:43:42 ON 22 NOV 2002
COPYRIGHT (C) 2002 BIOLOGICAL ABSTRACTS INC.(R)

=> "macrophage derived chemokine"
L1 291 "MACROPHAGE DERIVED CHEMOKINE"

=> MDC or L1
L2 1118 MDC OR L1

=> antagonist and L1
L3 12 ANTAGONIST AND L1

=> antibody and L1
L4 59 ANTIBODY AND L1

=> "thymus and activation-regulated chemokine" or TARC
L5 369 "THYMUS AND ACTIVATION-REGULATED CHEMOKINE" OR TARC

=> chemokine (W) TARC
L6 179 CHEMOKINE (W) TARC

=> antagonist and L6
L7 9 ANTAGONIST AND L6

=> allergy and L3
L8 0 ALLERGY AND L3

=> treatment and L3
L9 1 TREATMENT AND L3

=> treatment and L4
L10 12 TREATMENT AND L4

=> treatment and L6
L11 26 TREATMENT AND L6

=> treatment and L7
L12 1 TREATMENT AND L7

=> CCR4 and treatment
L13 62 CCR4 AND TREATMENT

=> allergy and L13
L14 7 ALLERGY AND L13

=> D L14 IBIB TI SO AU ABS 1-7

L14 ANSWER 1 OF 7 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2002:832576 CAPLUS
TITLE: **Treatment** of respiratory and lung diseases with antisense oligonucleotides and a bronchodilating agent
INVENTOR(S): Nyce, Jonathan W.; Li, Yukui; Sandrasagra, Anthony; Katz, Evan; Pabalan, Jonathan; Aguilar, Douglas; Miller, Shoreh; Tang, Lei; Shahabuddin, Syed
PATENT ASSIGNEE(S): Epigenesis Pharmaceuticals, Inc., USA
SOURCE: PCT Int. Appl., 764 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002085309	A2	20021031	WO 2002-US13143	20020423

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.: US 2001-286036P P 20010424
TI **Treatment** of respiratory and lung diseases with antisense oligonucleotides and a bronchodilating agent
SO PCT Int. Appl., 764 pp.
CODEN: PIXXD2
IN Nyce, Jonathan W.; Li, Yukui; Sandrasagra, Anthony; Katz, Evan; Pabalan, Jonathan; Aguilar, Douglas; Miller, Shoreh; Tang, Lei; Shahabuddin, Syed
AB This patent relates to a compn. comprising a carrier, oligonucleotides (oligos) that are antisense to adenosine receptors, and contain low amts. of or no adenosine (A), plus bronchodilating agents. All antisense oligonucleotides designed in accordance with the invention were highly effective at countering or reducing effects mediated by the receptors to which they are targeted. Two antisense phosphorothioated oligos targeting human adenosine A1 receptor mRNA, one targeting adenosine A2b receptor, and two targeting an A3 receptor are capable of countering the effect of exogenously administered adenosine which is mediated by the specific receptor they are targeted to. The activity of the antisense oligos are specific to the target and substitutively fail to inhibit another target.

An oligonucleotide wherein the phosphodiester bonds are substituted with phosphorothioate bonds evidenced an unexpected superiority over the phosphodiester antisense oligo. In addn., they result in extremely low or non-existent deleterious side effects or toxicity. This represents 100% success in providing agents that are highly effective and specific in the **treatment** of bronchoconstriction and/or inflammation. These agents and the compn. and formulations provided are suitable for the **treatment** of respiratory tract, pulmonary and malignant diseases assocd. with bronchoconstriction, respiratory tract inflammation and **allergies**, impaired airways, including lung disease and diseases whose secondary effects afflict the lungs of a subject, such as **allergies**, asthma, impeded respiration, allergic rhinitis, pain, cystic fibrosis, pulmonary fibrosis, RDA, COPD, and cancers, among others.

The present agents and compn. may be administered preventatively, prophylactically or therapeutically in conjunction with other therapies, or may be utilized as a substitute for therapies that have significant, neg. side effects. The method of the present invention is also practiced with antisense oligonucleotides targeted to many genes, mRNAs and their corresponding proteins in essential the same manner.

L14 ANSWER 2 OF 7 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 2002:832575 CAPLUS

TITLE: **Treatment** of respiratory and lung diseases with antisense oligonucleotides and a bronchodilating agent

INVENTOR(S): Nyce, Jonathan W.; Li, Yukui; Sandrasagra, Anthony; Katz, Evan; Pabalan, Jonathan; Aguilar, Douglas; Miller, Shoreh; Tang, Lei; Shahabuddin, Syed

PATENT ASSIGNEE(S): Epigenesis Pharmaceuticals, Inc., USA

SOURCE: PCT Int. Appl., 872 pp.
CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 4

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002085308	A2	20021031	WO 2002-US13135	20020423
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
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WO 2002085308	A2	20021031	WO 2002-XA13135	20020423
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WO 2002085308 A2 20021031 WO 2002-XB13135 20020423

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
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TJ, TM

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WO 2002085308 A2 20021031 WO 2002-XC13135 20020423

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PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ,
UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU,
TJ, TM

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH,
CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR,
BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.: US 2001-286137P P 20010424
WO 2002-US13135 A 20020423

TI **Treatment** of respiratory and lung diseases with antisense oligonucleotides and a bronchodilating agent

SO PCT Int. Appl., 872 pp.
CODEN: PIXXD2

IN Nyce, Jonathan W.; Li, Yukui; Sandrasagra, Anthony; Katz, Evan; Pabalan, Jonathan; Aguilar, Douglas; Miller, Shoreh; Tang, Lei; Shahabuddin, Syed

AB This patent relates to a compn. comprising a carrier, oligonucleotides (oligos) that are antisense to adenosine receptors, and contain low amts. of or no adenosine (A), plus bronchodilating agents. All antisense oligonucleotides designed in accordance with the invention were highly effective at countering or reducing effects mediated by the receptors to which they are targeted. Two antisense phosphorothioated oligos targeting human adenosine A1 receptor mRNA, one targeting adenosine A2b receptor, and two targeting an A3 receptor are capable of countering the effect of exogenously administered adenosine which is mediated by the specific receptor they are targeted to. The activity of the antisense oligos are specific to the target and substitutively fail to inhibit another target. An oligonucleotide wherein the phosphodiester bonds are substituted with phosphorothioate bonds evidenced an unexpected superiority over the phosphodiester antisense oligo. In addn., they result in extremely low or non-existent deleterious side effects or toxicity. This represents 100% success in providing agents that are highly effective and specific in the **treatment** of bronchoconstriction and/or inflammation.
Treatment with antisense oligonucleotides in combination with anti-inflammatory steroid and/or ubiquinones is also provided. These agents and the compn. and formulations provided are suitable for the **treatment** of respiratory tract, pulmonary and malignant diseases assocd. with bronchoconstriction, respiratory tract inflammation and **allergies**, impaired airways, including lung disease and diseases whose secondary effects afflict the lungs of a subject, such as **allergies**, asthma, impeded respiration, allergic rhinitis, pain, cystic fibrosis, pulmonary fibrosis, RDA, COPD, and cancers, among others.

The present agents and compn. may be administered preventatively, prophylactically or therapeutically in conjunction with other therapies, or may be utilized as a substitute for therapies that have significant, neg. side effects. The method of the present invention is also practiced with antisense oligonucleotides targeted to many genes, mRNAs and their corresponding proteins in essential the same manner.

L14 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2000:756484 CAPLUS
DOCUMENT NUMBER: 133:329593
TITLE: Low adenosine anti-sense oligonucleotide, compositions, kit and method for **treatment** of airway disorders associated with bronchoconstriction, lung inflammation, **allergy**(ies) and surfactant depletion
INVENTOR(S): Nyce, Jonathan W.
PATENT ASSIGNEE(S): East Carolina University, USA
SOURCE: PCT Int. Appl., 1592 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000062736	A2	20001026	WO 2000-US8020	20000324
WO 2000062736	A3	20011011		
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
BR 2000006019	A	20010313	BR 2000-6019	20000324
EP 1168919	A2	20020109	EP 2000-919668	20000324
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				

PRIORITY APPLN. INFO.: US 1999-127958P P 19990406
WO 2000-US8020 W 20000324
OTHER SOURCE(S): MARPAT 133:329593
TI Low adenosine anti-sense oligonucleotide, compositions, kit and method for
treatment of airway disorders associated with bronchoconstriction, lung inflammation, **allergy**(ies) and surfactant depletion
SO PCT Int. Appl., 1592 pp.
CODEN: PIXXD2
IN Nyce, Jonathan W.
AB An in vivo method of selectively delivering a nucleic acid to a target gene or mRNA, comprises the topical administration, e.g. to the respiratory system, of a subject of a therapeutic amt. of an oligonucleotide (oligo) that is antisense to the initiation codon region, the coding region, the 5' or 3' intron-exon junctions or regions within 2 to 10 nucleotides of the junctions of the gene or antisense to a mRNA complementary to the gene in an amt. effective to reach the target polynucleotide and reducing or inhibiting expression. In addn. a method of treating an adenosine-mediated effect comprises topically administering

to a subject an antisense oligo in an amt. effective to treat the respiratory, pulmonary, or airway disease. In order to minimize triggering adenosine receptors by their metab., the administered oligos have a low content of or are essentially free of adenosine. A pharmaceutical compn. and formulations comprise the oligo antisense to an adenosine receptor, genes and mRNAs encoding them, genomic and mRNA flanking regions, intron and exon borders and all regulatory and functionally related segments of the genes and mRNAs encoding the polypeptides, their salts and mixts. Various formulations contain a requisite carrier, and optionally other additives and biol. active agents.

The low-adenosine or adenosine-free (des-A) agent for practicing the method of the invention may be prepd. by selecting a target gene(s), genomic flanking region(s), RNA(s) and/or polypeptide(s) assocd. with a disease(s) or condition(s) afflicting lung airways, obtaining the sequence of the mRNA(s) corresponding to the target gene(s) and/or genomic flanking region(s), and/or RNAs encoding the target polypeptide(s), selecting at least one segment of the mRNA which may be up to 60 % free of thymidine (T) and synthesizing one or more anti-sense oligonucleotide(s) to the mRNA segments which are free of adenosine (A) by substituting a universal base for A when present in the oligonucleotide. The agent may be prepd. by selection of target nucleic acid sequences with GC running stretches, which have low T content, and by optionally replacing A in the antisense oligonucleotides with a "Universal or alternative base". The agent, compn. and formulations are used for prophylactic, preventive and therapeutic **treatment** of ailments assocd. with impaired respiration, lung **allergy**(ies) and/or inflammation and depletion lung surfactant or surfactant hypoprodn., such as pulmonary vasoconstriction, inflammation, **allergies**, allergic rhinitis, asthma, impeded respiration, lung pain, cystic fibrosis, bronchoconstriction. The present **treatment** is suitable for administration in combination with other **treatments**, e.g. before, during and after other **treatments**, including radiation, chemotherapy, antibody therapy and surgery, among others. Alternatively, the present agent is effectively administered prophylactically or therapeutically by itself for conditions without known therapies or as a substitute for therapies exhibiting undesirable side effects. The **treatment** of this invention may be administered directly into the respiratory system of a subject so that the agent has direct access to the lungs, or by other effective routes of administration, e.g. topically, transdermally, by implantation, etc., in an amt. effective to reduce or inhibit the symptoms of the ailment.

L14 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2000:628006 CAPLUS
DOCUMENT NUMBER: 133:217723
TITLE: Method for validating/invalidating target(s) and pathways
INVENTOR(S): Nyce, Jonathan W.
PATENT ASSIGNEE(S): Epigenesis Pharmaceuticals, Inc., USA
SOURCE: PCT Int. Appl., 53 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000051621	A1	20000908	WO 2000-US5643	20000302
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
BR 2000009247	A	20011120	BR 2000-9247	20000302
EP 1165093	A1	20020102	EP 2000-913730	20000302
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
JP 2002537792	T2	20021112	JP 2000-602288	20000302

PRIORITY APPLN. INFO.: US 1999-122950P P 19990305
WO 2000-US5643 W 20000302

OTHER SOURCE(S): MARPAT 133:217723

TI Method for validating/invalidating target(s) and pathways

SO PCT Int. Appl., 53 pp.
CODEN: PIXXD2

IN Nyce, Jonathan W.

AB A method of detg. the existence of a correlation between a function of a disease or condition and a gene or mRNA encoding a target polypeptide suspected of being assocd. with a disease or condition, comprises obtaining oligonucleotides (oligos) consisting of up to about 15 % adenosine (A), preferably having no adenosine content, and which is anti-sense to a target selected from the group consisting of target genes and their corresponding mRNAs, genomic and mRNA flanking regions selected from the group consisting of 3' and 5' intron-exon borders and the juxta-section between coding and non-coding regions, and all mRNA segments encoding polypeptides assocd. with a pre-selected disease or condition; selecting amongst the oligos one that significantly inhibits or ablates expression of the polypeptide encoded by the mRNA upon in vitro hybridization to the target mRNA; administering to a subject an amt. of the selected oligo effective for in vivo hybridization to the target mRNA; and assessing a subject's function that is assocd. with the disease or condition before and after administration of the oligo; wherein a change in the function's value greater than about 70% indicates a pos. correlation, between about 40 and about 70% a possible correlation, and below about 30% a lack of correlation. The present method preferably administers the oligos in situ where the target is located, e.g. into the subject's respiration when validating targets assocd. with malignant and other pulmonary and respiratory functions, so that the agent has direct access to the lungs. Alternatively, such desAdenosine oligos may be delivered directly to the CNS or other organs, tissues and organ systems, by known delivery formulations. This invention provides a rapid, reliable method for drug target validation/invalidation in various biol. systems that utilize proprietary low or desAdenosine antisense oligonucleotides. Using desAdenosine antisense oligonucleotides, the present method may validate/invalidate potential gene targets with a level of speed and accuracy that has heretofore been impossible using traditional techniques.

The use of antisense oligonucleotides to target adenosine receptors is

described. Adenosine A1 receptor antisense oligonucleotides had bronchodilator activity in rabbits and adenosine A3 receptor antisense oligonucleotides had anti-inflammatory activity in asthmatic rabbits.

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

L14 ANSWER 5 OF 7 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1999:223049 CAPLUS

DOCUMENT NUMBER: 130:251233

TITLE: Macrophage-derived chemokine (MDC), MDC analogs, MDC inhibitor substances,and their therapeutic applications

INVENTOR(S): Gray, Patrick W.; Chantry, David H.; Deeley, Michael C.; Raport, Carol J.; Godiska, Ronald

PATENT ASSIGNEE(S): Icos Corporation, USA

SOURCE: PCT Int. Appl., 159 pp.
CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 3

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9915666	A2	19990401	WO 1998-US20270	19980928
WO 9915666	A3	19990916		
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, US, US, US, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
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CN 1163635	A	19971029	CN 1996-190875	19960607
US 5932703	A	19990803	US 1996-660542	19960607
CA 2302806	AA	19990401	CA 1998-2302806	19980928
AU 9897778	A1	19990412	AU 1998-97778	19980928
EP 1017818	A2	20000712	EP 1998-951961	19980928
R: AT, BE, CH, DE, ES, FR, GB, IT, LI, SE, IE				

PRIORITY APPLN. INFO.:

US 1995-479620	A2	19950607
US 1995-558658	A2	19951116
US 1996-660542	A2	19960607
US 1997-939107	A2	19970926
US 1998-67447	A2	19980428
WO 1998-US20270	W	19980928

TI Macrophage-derived chemokine (MDC), MDC analogs, MDC inhibitor substances,and their therapeutic applications

SO PCT Int. Appl., 159 pp.
CODEN: PIXXD2

IN Gray, Patrick W.; Chantry, David H.; Deeley, Michael C.; Raport, Carol J.;
Godiska, Ronald

AB The present invention provides purified and isolated polynucleotide sequences encoding a novel macrophage-derived C-C chemokine designated "Macrophage Derived Chemokine" (MDC), and polypeptide fragments and analogs thereof. MDC cDNA sequences and their deduced amino acid sequences are provided from human, mouse, rat, and macaque. Also provided

are materials and methods for the recombinant or synthetic prodn. of the chemokine, fragments, and analogs; and purified and isolated chemokine protein, and polypeptide fragments and analogs thereof. Also provided are antibodies reactive with the chemokine and methods of making and using all of the foregoing. Also provided are assays for identifying modulators of MDC chemokine activity. MDC possesses antiproliferative activity against HIV-1 virus, stimulates fibroblast proliferation, inhibits tumor growth, induces chemotaxis of TH2 helper T cells, and modulates platelet aggregation, and is shown to be a high-affinity ligand for **CCR4**.

L14 ANSWER 6 OF 7 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 1999:219995 CAPLUS
DOCUMENT NUMBER: 130:306599
TITLE: Antisense oligonucleotides capable of binding to multiple targets and their use in the **treatment** of respiratory disease
INVENTOR(S): Nyce, Jonathan W.
PATENT ASSIGNEE(S): East Carolina University, USA
SOURCE: PCT Int. Appl., 120 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9913886	A1	19990325	WO 1998-US19419	19980917
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
CA 2304312	AA	19990325	CA 1998-2304312	19980917
AU 9893951	A1	19990405	AU 1998-93951	19980917
AU 752531	B2	20020919		
EP 1019065	A1	20000719	EP 1998-947089	19980917
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, FI				
BR 9812650	A	20000822	BR 1998-12650	19980917

PRIORITY APPLN. INFO.:
US 1997-59160P P 19970917
US 1998-93972 A 19980609
WO 1998-US19419 W 19980917

TI Antisense oligonucleotides capable of binding to multiple targets and their use in the **treatment** of respiratory disease
SO PCT Int. Appl., 120 pp.
CODEN: PIXXD2
IN Nyce, Jonathan W.
AB Antisense oligonucleotides carrying sequences that will allow them to bind to more than one mRNA in a target cell are described. Such oligonucleotides can be used as a single **treatment** for diseases having more than one contributing pathway. In particular, oligonucleotides effective against genes involved in the etiol. of respiratory disease are targeted. Preferably, the oligonucleotides are

low in adenosine (.ltoreq.15%) and may have adenosines substituted with analogs. These oligonucleotides are targeted to high (G+C) sequences within mRNAs. Thus, phosphorothioate antisense oligonucleotide (HAdA1AS, 5'-gatggagggcggcatggcggg-3') designed for the adenosine A1 receptor is provided. HAdA1AS significantly and specifically reduces the in vivo response to adenosine challenge in a dose-dependent manner, is effective in protection against aeroallergen-induced bronchoconstriction (house dust mite), has an unexpected long-term duration of effect (8.3 days for both PC50 adenosine and resistance), and is free of side effects that might be toxic to the recipient. Such oligonucleotides may be used for treating a disease or condition assocd. with lung airway, such as bronchoconstriction, inflammation, or **allergies**.

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 7 OF 7 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
ACCESSION NUMBER: 2002:449998 BIOSIS
DOCUMENT NUMBER: PREV200200449998
TITLE: IFN-gamma-inducible expression of thymus and activation-regulated chemokine/CCL17 and macrophage-derived chemokine/CCL22 in epidermal keratinocytes and their roles in atopic dermatitis.
AUTHOR(S): Horikawa, Tatsuya; Nakayama, Takashi; Hikita, Ichiro; Yamada, Hidekazu; Fujisawa, Ryuichi; Bito, Toshinori; Harada, Susumu; Fukunaga, Atsushi; Chantry, David; Gray, Patrick W.; Morita, Atsushi; Suzuki, Ryuji; Tezuka, Tadashi; Ichihashi, Masamitsu; Yoshie, Osamu (1)
CORPORATE SOURCE: (1) Department of Microbiology, Kinki University School of Medicine, Osaka, 589-8511: o.yoshie@med.kindai.ac.jp Japan
SOURCE: International Immunology, (July, 2002) Vol. 14, No. 7, pp. 767-773. http://www.intimm.oupjournals.org. print. ISSN: 0953-8178.
DOCUMENT TYPE: Article
LANGUAGE: English

TI IFN-gamma-inducible expression of thymus and activation-regulated chemokine/CCL17 and macrophage-derived chemokine/CCL22 in epidermal keratinocytes and their roles in atopic dermatitis.

SO International Immunology, (July, 2002) Vol. 14, No. 7, pp. 767-773. http://www.intimm.oupjournals.org. print. ISSN: 0953-8178.

AU Horikawa, Tatsuya; Nakayama, Takashi; Hikita, Ichiro; Yamada, Hidekazu; Fujisawa, Ryuichi; Bito, Toshinori; Harada, Susumu; Fukunaga, Atsushi; Chantry, David; Gray, Patrick W.; Morita, Atsushi; Suzuki, Ryuji; Tezuka, Tadashi; Ichihashi, Masamitsu; Yoshie, Osamu (1)

AB Thymus and activation-regulated chemokine (TARC)/CCL17 and macrophage-derived chemokine (MDC)/CCL22 are a pair of CC chemokines known to selectively attract Th2 type memory T cells via **CCR4**. Here we examined circulating levels of TARC and MDC in patients with atopic dermatitis (AD) and control subjects by using plasma samples, which reflect blood contents of chemokines more accurately than serum samples. The plasma levels of TARC and MDC were significantly elevated in AD patients. These values also strongly correlated with disease severity and serum lactate dehydrogenase levels, and weakly correlated with serum total IgE levels and blood eosinophilia. Previous studies demonstrated TARC immunoreactivity in the epidermal layer of AD lesional skin and production

of TARC by a human keratinocytic cell line HaCaT upon stimulation with IFN-gamma. Here we demonstrated MDC immunoreactivity in the epidermal layer of AD skin at levels stronger than that of TARC. Furthermore, primary epidermal keratinocytes expressed both TARC and MDC mRNA upon stimulation with IFN-gamma, but efficiently secreted only MDC. These results suggest a post-transcriptional regulation in TARC production. IFN-gamma also induced TARC and MDC mRNA in mouse skin. Collectively, both TARC and MDC play important roles in the local accumulation of Th2 cells in AD lesional skin. Production of Th2-attracting chemokines by epidermal keratinocytes upon **treatment** with IFN-gamma, which is also the potent inducer of Th1-attracting chemokines, may underline the pivotal role of IFN-gamma in the chronic phase of AD where both Th1 and Th2 responses are mixed.

=> D L12 IBIB TI SO AU ABS 1-12

L12 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2002:57331 CAPLUS
DOCUMENT NUMBER: 136:319540
TITLE: Gene profiling reveals unknown enhancing and suppressive actions of glucocorticoids on immune cells
AUTHOR(S): Galon, Jerome; Franchimont, Denis; Hiroi, Naoki; Frey, Gregory; Boettner, Antje; Ehrhart-Bornstein, Monika; O'Shea, John J.; Chrousos, George P.; Bornstein, Stefan R.
CORPORATE SOURCE: Lymphocyte Cell Biology Section, NIAMS, National Institutes of Health, Bethesda, MD, 20892, USA
SOURCE: FASEB Journal (2002), 16(1), 61-71
CODEN: FAJOEC; ISSN: 0892-6638
PUBLISHER: Federation of American Societies for Experimental Biology
DOCUMENT TYPE: Journal
LANGUAGE: English
TI Gene profiling reveals unknown enhancing and suppressive actions of glucocorticoids on immune cells
SO FASEB Journal (2002), 16(1), 61-71
CODEN: FAJOEC; ISSN: 0892-6638
AU Galon, Jerome; Franchimont, Denis; Hiroi, Naoki; Frey, Gregory; Boettner, Antje; Ehrhart-Bornstein, Monika; O'Shea, John J.; Chrousos, George P.; Bornstein, Stefan R.
AB Glucocorticoids continue to be the major immunomodulatory agents used in clin. medicine today. However, their actions as anti-inflammatory and immunosuppressive drugs are both beneficial and deleterious. We analyzed the effect of glucocorticoids on the gene expression profile of peripheral blood mononuclear cells from healthy donors. DNA microarray anal. combined with quant. TaqMan PCR and flow cytometry revealed that glucocorticoids induced the expression of chemokine, cytokine, and complement family members as well as of newly discovered innate immune-related genes, including scavenger and Toll-like receptors. In contrast, glucocorticoids repressed the expression of adaptive immune-related genes. Simultaneous inhibitory and stimulatory effects of glucocorticoids were found on inflammatory T helper subsets and apoptosis-related gene clusters. In cells activated by T cell receptor crosslinking, glucocorticoids down-regulated the expression of specific genes that were previously up-regulated in resting cells, suggesting a

potential new mechanism by which they exert pos. and neg. effects. Considering the broad and continuously renewed interest in glucocorticoid therapy, the profiles we describe here will be useful in designing more specific and efficient **treatment** strategies.

REFERENCE COUNT: 42 THERE ARE 42 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> D L10 IBIB TI SO AU ABS all

L10 ANSWER 1 OF 12 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 2002:393356 CAPLUS
DOCUMENT NUMBER: 137:31858
TITLE: Pivotal role of dendritic cell-derived CXCL10 in the retention of T helper cell 1 lymphocytes in secondary lymph nodes
AUTHOR(S): Yoneyama, Hiroyuki; Narumi, Shosaku; Zhang, Yanyun; Murai, Masako; Baggiolini, Marco; Lanzavecchia, Antonio; Ichida, Takafumi; Asakura, Hitoshi; Matsushima, Kouji
CORPORATE SOURCE: Department of Molecular Preventive Medicine, School of Medicine and Core Research and Evolutional Science and Technology (CREST), The University of Tokyo, Tokyo, 113-0033, Japan
SOURCE: Journal of Experimental Medicine (2002), 195(10), 1257-1266
CODEN: JEMEAV; ISSN: 0022-1007
PUBLISHER: Rockefeller University Press
DOCUMENT TYPE: Journal
LANGUAGE: English

TI Pivotal role of dendritic cell-derived CXCL10 in the retention of T helper cell 1 lymphocytes in secondary lymph nodes

SO Journal of Experimental Medicine (2002), 195(10), 1257-1266
CODEN: JEMEAV; ISSN: 0022-1007

AU Yoneyama, Hiroyuki; Narumi, Shosaku; Zhang, Yanyun; Murai, Masako; Baggiolini, Marco; Lanzavecchia, Antonio; Ichida, Takafumi; Asakura, Hitoshi; Matsushima, Kouji

AB Various immune diseases are considered to be regulated by the balance of T helper (Th)1 and Th2 subsets. Although Th lymphocytes are believed to be generated in draining lymph nodes (LNs), in vivo Th cell behaviors during Th1/Th2 polarization are largely unexplored. Using a murine granulomatous liver disease model induced by Propionibacterium acnes, the authors show that retention of Th1 cells in the LNs is controlled by a chemokine, CXCL10/interferon (IFN) inducible protein 10 produced by mature dendritic cells (DCs). Hepatic LN DCs preferentially produced CXCL10 to attract 5'-bromo-2'-deoxyuridine (BrdU)+CD4+ T cells and form clusters with IFN-.gamma.-producing CD4+ T cells by day 7 after antigen challenge. Blockade of CXCL10 dramatically altered the distribution of cluster-forming BrdU+CD4+ T cells. BrdU+CD4+ T cells in the hepatic LNs were selectively diminished while those in the circulation were significantly increased by **treatment** with anti-CXCL10 monoclonal **antibody**. This was accompanied by accelerated infiltration of memory T cells into the periphery of hepatic granuloma sites, most of them

were in cell cycle and further produced higher amt. of IFN-.gamma.
leading
to exacerbation of liver injury. Thus, mature DC-derived CXCL10 is pivotal to retain Th1 lymphocytes within T cell areas of draining LNs and optimize the Th1-mediated immune responses.

AN 2002:393356 CAPLUS
DN 137:31858
TI Pivotal role of dendritic cell-derived CXCL10 in the retention of T helper
cell 1 lymphocytes in secondary lymph nodes
AU Yoneyama, Hiroyuki; Narumi, Shosaku; Zhang, Yanyun; Murai, Masako; Baggiolini, Marco; Lanzavecchia, Antonio; Ichida, Takafumi; Asakura, Hitoshi; Matsushima, Kouji
CS Department of Molecular Preventive Medicine, School of Medicine and Core Research and Evolutional Science and Technology (CREST), The University of
Tokyo, Tokyo, 113-0033, Japan
SO Journal of Experimental Medicine (2002), 195(10), 1257-1266
CODEN: JEMEAV; ISSN: 0022-1007
PB Rockefeller University Press
DT Journal
LA English
CC 15-5 (Immunochemistry)
Section cross-reference(s): 14
AB Various immune diseases are considered to be regulated by the balance of T
helper (Th)1 and Th2 subsets. Although Th lymphocytes are believed to be generated in draining lymph nodes (LNs), in vivo Th cell behaviors during Th1/Th2 polarization are largely unexplored. Using a murine granulomatous
liver disease model induced by Propionibacterium acnes, the authors show that retention of Th1 cells in the LNs is controlled by a chemokine, CXCL10/interferon (IFN) inducible protein 10 produced by mature dendritic cells (DCs). Hepatic LN DCs preferentially produced CXCL10 to attract 5'-bromo-2'-deoxyuridine (BrdU)+CD4+ T cells and form clusters with IFN-.gamma.-producing CD4+ T cells by day 7 after antigen challenge. Blockade of CXCL10 dramatically altered the distribution of cluster-forming BrdU+CD4+ T cells. BrdU+CD4+ T cells in the hepatic LNs were selectively diminished while those in the circulation were significantly increased by **treatment** with anti-CXCL10 monoclonal **antibody**. This was accompanied by accelerated infiltration of memory T cells into the periphery of hepatic granuloma sites, most of them
were in cell cycle and further produced higher amt. of IFN-.gamma.
leading
to exacerbation of liver injury. Thus, mature DC-derived CXCL10 is pivotal to retain Th1 lymphocytes within T cell areas of draining LNs and optimize the Th1-mediated immune responses.
ST dendritic cell CXCL10 Th1 lymphocyte lymph node
IT Chemokine receptors
RL: BSU (Biological study, unclassified); BIOL (Biological study)
(CXCR3; expression by paracortical T-cells in relation to chemotactic retention response to dendritic cell-derived CXCL10)
IT Chemokines
RL: BSU (Biological study, unclassified); BIOL (Biological study)
(MDC (**macrophage-derived chemokine**);
expression by hepatic lymph node dendritic cells in relation to retention of CD4+ T-cells)
IT Cell migration
(T cell infiltration; of Propionibacterium acnes-induced granuloma is

regulated by CXCL10 of secondary lymph node dendritic cells)
IT Dendritic cell
(dendritic cell-derived CXCL10 mediates retention of Th1 cells in secondary lymph nodes)
IT Sarcoidosis
(dendritic cell-derived CXCL10 mediates retention of Th1 cells in secondary lymph nodes in Propionibacterium acnes-induced granuloma in relation to)
IT Propionibacterium acnes
(dendritic cell-derived CXCL10 mediates retention of Th1 cells in secondary lymph nodes in response to)
IT Liver, disease
(granuloma; dendritic cell-derived CXCL10 mediates retention of Th1 cells in secondary lymph nodes in)
IT T cell (lymphocyte)
(helper cell/inducer, TH1; dendritic cell-derived CXCL10 mediates retention of Th1 cells in secondary lymph nodes)
IT Lymph node
(hepatic; dendritic cell-derived CXCL10 mediates retention of Th1 cells
in)
IT T cell (lymphocyte)
(infiltration; of Propionibacterium acnes-induced granuloma is regulated by CXCL10 of secondary lymph node dendritic cells)
IT Liver, disease
(injury; dendritic cell-derived CXCL10 mediates retention of Th1 cells in secondary lymph nodes in relation to memory T-cell role in)
IT Chemokines
RL: BSU (Biological study, unclassified); BIOL (Biological study)
(interferon-inducible protein-10; dendritic cell-derived CXCL10 mediates retention of Th1 cells in secondary lymph nodes)
IT T cell (lymphocyte)
(memory; infiltration of Propionibacterium acnes-induced granuloma is regulated by CXCL10 of secondary lymph node dendritic cells)
RE.CNT 39 THERE ARE 39 CITED REFERENCES AVAILABLE FOR THIS RECORD
RE
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=> D L10 IBIB TI SO AU ABS 2-12

L10 ANSWER 2 OF 12 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2002:291218 CAPLUS
DOCUMENT NUMBER: 136:384549
TITLE: Multiplexed protein profiling on microarrays by rolling-circle amplification
AUTHOR(S): Schweitzer, Barry; Roberts, Scott; Grimwade, Brian; Shao, Weiping; Wang, Minjuan; Fu, Qin; Shu, Quiping; Laroche, Isabelle; Zhou, Zhimin; Tchernev, Velizar T.; Christiansen, Jason; Velleca, Mark; Kingsmore, Stephen F.
CORPORATE SOURCE: Molecular Staging, Inc., New Haven, CT, 06511, USA
SOURCE: Nature Biotechnology (2002), 20(4), 359-365
CODEN: NABIF9; ISSN: 1087-0156
PUBLISHER: Nature America Inc.
DOCUMENT TYPE: Journal
LANGUAGE: English
TI Multiplexed protein profiling on microarrays by rolling-circle amplification
SO Nature Biotechnology (2002), 20(4), 359-365
CODEN: NABIF9; ISSN: 1087-0156
AU Schweitzer, Barry; Roberts, Scott; Grimwade, Brian; Shao, Weiping; Wang, Minjuan; Fu, Qin; Shu, Quiping; Laroche, Isabelle; Zhou, Zhimin; Tchernev, Velizar T.; Christiansen, Jason; Velleca, Mark; Kingsmore, Stephen F.
AB Fluorescent-sandwich immunoassays on microarrays hold appeal for proteomics studies, because equipment and **antibodies** are readily available, and assays are simple, scalable, and reproducible. The achievement of adequate sensitivity and specificity, however, requires a general method of immunoassay amplification. We describe coupling of isothermal rolling-circle amplification (RCA) to universal **antibodies** for this purpose. A total of 75 cytokines were measured simultaneously on glass arrays with signal amplification by RCA with high specificity, femtomolar sensitivity, 3 log quant. range, and economy of sample consumption. A 51-feature RCA cytokine glass array was used to measure secretion from human dendritic cells (DCs) induced by lipopolysaccharide (LPS) or tumor necrosis factor-.alpha. (TNF-.alpha.). As expected, LPS induced rapid secretion of inflammatory cytokines such as macrophage inflammatory protein (MIP)-1 .beta., interleukin (IL)-8, and

interferon- inducible protein (IP)-10. We found that eotaxin-2 and 1-309 were induced by LPS; in addn., **macrophage- derived chemokine** (MDC), thymus and activation-regulated chemokine (TARC), sol. interleukin 6 receptor (slL-6R), and sol. tumor necrosis factor receptor I (sTNF-RI) were induced by TNF-.alpha. **treatment**. Because microarrays can accommodate .apprx.1,000 sandwich immunoassays of this type, a relatively small no. of RCA microarrays seem to offer a tractable approach for proteomic surveys.

REFERENCE COUNT: 52 THERE ARE 52 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE
FORMAT

L10 ANSWER 3 OF 12 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2002:220660 CAPLUS
DOCUMENT NUMBER: 136:246391
TITLE: Fusion proteins comprising defensin and human tumor antigen or viral antigen for treating cancer and viral infection
INVENTOR(S): Kwak, Larry W.; Biragyn, Arya
PATENT ASSIGNEE(S): United States of America, Department of Health and Human Services, USA
SOURCE: PCT Int. Appl., 154 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002022686	A2	20020321	WO 2001-US29074	20010917
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2001091049	A5	20020326	AU 2001-91049	20010917

PRIORITY APPLN. INFO.: US 2000-233074P P 20000915
WO 2001-US29074 W 20010917

TI Fusion proteins comprising defensin and human tumor antigen or viral antigen for treating cancer and viral infection
SO PCT Int. Appl., 154 pp.
CODEN: PIXXD2
IN Kwak, Larry W.; Biragyn, Arya
AB The present invention relates to a vaccine for increasing the immunogenicity of a tumor antigen thus allowing **treatment** of cancer, as well as a vaccine that increases the immunogenicity of a viral antigen, thus allowing **treatment** of viral infection, including immunodeficiency virus (HIV) infection. In particular, the present invention provides a fusion protein comprising a defensin fused to either a tumor antigen or viral antigen which is administered as either a protein or nucleic acid vaccine to elicit an immune response effective in treating

cancer or effective in treating or preventing viral infection. The defensin is human .beta.-defensin 1, human .beta.-defensin 2, human neutrophil peptide 1 (HNP-1), HNP-2, HNP-3, murine .beta.-defensin 2, murine .beta.-defensin 3, etc.; the tumor antigen is B cell lymphoma antigen, MUC-1, etc.; and the viral antigen is HIV-1 gp120, gp160, gp41, etc. The fusion proteins may also comprise immunostimulatory cytokine or chemokine.

L10 ANSWER 4 OF 12 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2002:54705 CAPLUS
DOCUMENT NUMBER: 136:230952
TITLE: MCP-1 causes leukocyte recruitment and subsequently endotoxemic ileus in rat
AUTHOR(S): Turler, Andreas; Schwarz, Nicolas T.; Turler, Esther; Kalff, Jorg C.; Bauer, Anthony J.
CORPORATE SOURCE: Department of Medicine, Division of Gastroenterology, University of Pittsburgh Medical Center, Pittsburgh, PA, 15261, USA
SOURCE: American Journal of Physiology (2002), 282(1, Pt. 1), G145-G155
CODEN: AJPHAP; ISSN: 0002-9513
PUBLISHER: American Physiological Society
DOCUMENT TYPE: Journal
LANGUAGE: English
TI MCP-1 causes leukocyte recruitment and subsequently endotoxemic ileus in rat
SO American Journal of Physiology (2002), 282(1, Pt. 1), G145-G155
CODEN: AJPHAP; ISSN: 0002-9513
AU Turler, Andreas; Schwarz, Nicolas T.; Turler, Esther; Kalff, Jorg C.; Bauer, Anthony J.
AB Endotoxemia causes an inflammatory response within the intestinal muscularis and gastrointestinal dysmotility. We hypothesize that the resident **macrophage-derived chemokine** monocyte chemoattractant protein-1 (MCP-1) plays a significant role in the recruitment of leukocytes into the lipopolysaccharide (LPS)-stimulated rat intestinal muscularis. MCP-1 mRNA expression was investigated by RT-PCR. Leukocyte extravasation and MCP-1 protein localization were detd. by immunohistochem. Contractile activity was assessed by using a std. organ bath in rats that were treated with saline, recombinant MCP-1, LPS, LPS + nonspecific **antibody**, or LPS + MCP-1 **antibody**. Endotoxemia caused a significant 280-fold increase in MCP-1 mRNA expression in the muscularis, peaking at 3 h. MCP-1 protein was immunohistochem. located to muscularis macrophages. LPS application caused significant leukocyte recruitment into the muscularis and a 51% decrease in muscle contractility. MCP-1 **antibody treatment** significantly averted leukocyte recruitment and significantly prevented muscle dysfunction. These parameters were not significantly altered by the nonspecific **antibody**. Results show that resident muscularis macrophage-derived MCP-1 plays a major role in the recruitment of monocytes during endotoxemia, which then subsequently secrete kinetically active substances that cause ileus.
REFERENCE COUNT: 57 THERE ARE 57 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 5 OF 12 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2001:489619 CAPLUS

DOCUMENT NUMBER: 135:71268
TITLE: Use of locked nucleic acid-modified oligonucleotides for **treatment** of cancer and inflammation
INVENTOR(S): Orum, Henrik; Koch, Troel; Skouv, Jan; Jakobsen, Mogen
Havsteen
PATENT ASSIGNEE(S): Exiqon A/S, Den.
SOURCE: PCT Int. Appl., 50 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001048190	A2	20010705	WO 2000-IB2043	20001222
WO 2001048190	A3	20020510		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
US 2002068709	A1	20020606	US 2000-747913	20001222
EP 1240322	A2	20020918	EP 2000-990866	20001222
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				

PRIORITY APPLN. INFO.: US 1999-171873P P 19991223
WO 2000-IB2043 W 20001222

TI Use of locked nucleic acid-modified oligonucleotides for **treatment** of cancer and inflammation
SO PCT Int. Appl., 50 pp.
CODEN: PIXXD2
IN Orum, Henrik; Koch, Troel; Skouv, Jan; Jakobsen, Mogen Havsteen
AB The invention relates to therapeutic applications of LNA-modified oligonucleotides. In particular, the invention provides methods for **treatment** of undesired cell growth as well as **treatment** of inflammatory related diseases and disorders. Preferably, administration of an LNA-modified oligonucleotide modulates expression of a targeted gene assocd. with the undesired cell growth or an inflammatory related disease or disorder. Thus, the peritoneal cells of rats injected i.p. with LNA-contg. oligonucleotides directed to Fc.epsilon.R1.alpha. mRNA produced less Fc.epsilon.R1.alpha. and released less histamine than did rats given unmodified oligonucleotides.

L10 ANSWER 6 OF 12 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2001:181821 CAPLUS
DOCUMENT NUMBER: 134:339404
TITLE: The CC Chemokines MDC and TARC Induce Platelet Activation Via CCR4
AUTHOR(S): Abi-Younes, S.; Si-Tahar, M.; Luster, A. D.
CORPORATE SOURCE: Division of Rheumatology, Allergy and Immunology, Center for Immunology and Inflammatory Diseases, Massachusetts General Hospital and Harvard Medical School, Boston, MA, USA
SOURCE: Thrombosis Research (2001), 101(4), 279-289

CODEN: THBRAA; ISSN: 0049-3848
PUBLISHER: Elsevier Science Inc.
DOCUMENT TYPE: Journal
LANGUAGE: English
TI The CC Chemokines MDC and TARC Induce Platelet Activation Via CCR4
SO Thrombosis Research (2001), 101(4), 279-289
CODEN: THBRAA; ISSN: 0049-3848
AU Abi-Younes, S.; Si-Tahar, M.; Luster, A. D.
AB While chemokines have received considerable attention for their role in leukocyte chemotaxis, their effects on platelets have not been well described. The authors found that CC chemokine receptor 4 (CCR4) ligands, **macrophage-derived chemokine** (MDC) and thymus and activation-regulated chemokine (TARC) induce concn.-dependent platelet aggregation and calcium flux. Flow cytometric anal. revealed the expression of CCR4 on platelets and a monoclonal **antibody** (mAb) to CCR4 inhibited MDC- and TARC-induced platelet aggregation, confirming that this effect is mediated via their common receptor CCR4. MDC fully desensitized TARC-induced calcium mobilization in platelets, while TARC was unable to completely desensitize a subsequent MDC response, which is similar to observations made in Th2 CD4+ lymphocytes and CCR4-transfected cells. Aspirin (ASA) **treatment** of platelets allowed reversible primary aggregation but inhibited irreversible complete aggregation, suggesting that MDC- and TARC-induced full platelet aggregation is dependent on cyclooxygenase metabolites of arachidonic acid. MDC and TARC were unable to induce platelet aggregation and platelet secretion in washed human platelets, even though they induced a calcium flux, suggesting that plasma components are required for MDC- and TARC-induced platelet aggregation. Since Th2-type cytokines induce the release of MDC and TARC from cells and the expression of these chemokines is increased in Th2-type inflammation, the authors hypothesize that MDC and TARC may play a role in platelet activation seen in Th2 diseases, such as asthma and atopic dermatitis.
REFERENCE COUNT: 55 THERE ARE 55 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 7 OF 12 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2000:790144 CAPLUS
DOCUMENT NUMBER: 133:349154
TITLE: CCR4 antagonists for **treatment** of septic shock
INVENTOR(S): Power, Christina A.; Chivatchko, Yolande
PATENT ASSIGNEE(S): Applied Research Systems ARS Holding N.V., Neth. Antilles
SOURCE: Eur. Pat. Appl., 20 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1050307	A1	20001108	EP 1999-108954	19990506
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,				

IE, SI, LT, LV, FI, RO
WO 2000067791 A1 20001116 WO 2000-EP4018 20000504
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
EP 1176980 A1 20020206 EP 2000-927140 20000504
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO
PRIORITY APPLN. INFO.: EP 1999-108954 A 19990506
WO 2000-EP4018 W 20000504

TI CCR4 antagonists for **treatment** of septic shock
SO Eur. Pat. Appl., 20 pp.
CODEN: EPXXDW
IN Power, Christina A.; Chivatchko, Yolande
AB The authors disclose the cytokine and cellular responses to lipopolysaccharide administration in mice having a targeted disruption of the CCR4 gene. CCR4 receptor antagonists (e.g., **antibodies**) are proposed for the **treatment** and/or prevention of septic shock.
REFERENCE COUNT: 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE
FORMAT

L10 ANSWER 8 OF 12 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 1999:487126 CAPLUS
DOCUMENT NUMBER: 131:129056
TITLE: A C-C chemokine of human macrophage and a cDNA encoding it and their uses
INVENTOR(S): Godiska, Ronald; Gray, Patrick W.
PATENT ASSIGNEE(S): ICOS Corp., USA
SOURCE: U.S., 43 pp.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 3
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5932703	A	19990803	US 1996-660542	19960607
CA 2196691	AA	19961219	CA 1996-2196691	19960607
CN 1163635	A	19971029	CN 1996-190875	19960607
WO 9915666	A2	19990401	WO 1998-US20270	19980928
WO 9915666	A3	19990916		

W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, US, US, US, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
PRIORITY APPLN. INFO.: US 1995-479620 A2 19950607
US 1995-558658 A2 19951116

US 1996-660542 A2 19960607
US 1997-939107 A2 19970926
US 1998-67447 A2 19980428

TI A C-C chemokine of human macrophage and a cDNA encoding it and their uses
SO U.S., 43 pp.
CODEN: USXXAM
IN Godiska, Ronald; Gray, Patrick W.
AB A C-C chemokine of human macrophages (**macrophage-derived chemokine** or MDC) is identified and a cDNA encoding it is cloned and expressed. The chemokine or analogs derived from it may be of use in the investigation of chemokine function or in the **treatment** of disease. The cDNA was identified by sequencing of random clones from a macrophage cDNA library by sequence similarity. The gene was expressed strongly in the thymus gland and at a low level in the spleen. Expression was found in macrophages, but not in monocytes. Secretory manuf. of the protein in Escherichia coli and accumulation as inclusion bodies are demonstrated.
REFERENCE COUNT: 26 THERE ARE 26 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 9 OF 12 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 1999:223049 CAPLUS
DOCUMENT NUMBER: 130:251233
TITLE: **Macrophage-derived chemokine** (MDC), MDC analogs, MDC inhibitor substances,and their therapeutic applications
INVENTOR(S): Gray, Patrick W.; Chantry, David H.; Deeley, Michael C.; Raport, Carol J.; Godiska, Ronald
PATENT ASSIGNEE(S): Icos Corporation, USA
SOURCE: PCT Int. Appl., 159 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 3
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9915666	A2	19990401	WO 1998-US20270	19980928
WO 9915666	A3	19990916		
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, US, US, US, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
CN 1163635	A	19971029	CN 1996-190875	19960607
US 5932703	A	19990803	US 1996-660542	19960607
CA 2302806	AA	19990401	CA 1998-2302806	19980928
AU 9897778	A1	19990412	AU 1998-97778	19980928
EP 1017818	A2	20000712	EP 1998-951961	19980928
R: AT, BE, CH, DE, ES, FR, GB, IT, LI, SE, IE				

PRIORITY APPLN. INFO.: US 1995-479620 A2 19950607
US 1995-558658 A2 19951116

US 1996-660542 A2 19960607
US 1997-939107 A2 19970926
US 1998-67447 A2 19980428
WO 1998-US20270 W 19980928

TI **Macrophage-derived chemokine** (MDC), MDC analogs, MDC inhibitor substances,and their therapeutic applications

SO PCT Int. Appl., 159 pp.
CODEN: PIXXD2

IN Gray, Patrick W.; Chantry, David H.; Deeley, Michael C.; Raport, Carol J.;
Godiska, Ronald

AB The present invention provides purified and isolated polynucleotide sequences encoding a novel macrophage-derived C-C chemokine designated " **Macrophage Derived Chemokine**" (MDC), and polypeptide fragments and analogs thereof. MDC cDNA sequences and their deduced amino acid sequences are provided from human, mouse, rat, and macaque. Also provided are materials and methods for the recombinant or synthetic prodn. of the chemokine, fragments, and analogs; and purified and isolated chemokine protein, and polypeptide fragments and analogs thereof. Also provided are **antibodies** reactive with the chemokine and methods of making and using all of the foregoing. Also provided are assays for identifying modulators of MDC chemokine activity. MDC possesses antiproliferative activity against HIV-1 virus, stimulates fibroblast proliferation, inhibits tumor growth, induces chemotaxis of TH2 helper T cells, and modulates platelet aggregation, and is shown to be a high-affinity ligand for CCR4.

L10 ANSWER 10 OF 12 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
ACCESSION NUMBER: 2002:251181 BIOSIS
DOCUMENT NUMBER: PREV200200251181
TITLE: Multiplexed protein profiling on microarrays by rolling-circle amplification.
AUTHOR(S): Schweitzer, Barry; Roberts, Scott; Grimwade, Brian; Shao, Weiping; Wang, Minjuan; Fu, Qin; Shu, Quiping; Laroche, Isabelle; Zhou, Zhimin; Tchernev, Velizar T.; Christiansen, Jason; Velleca, Mark; Kingsmore, Stephen F. (1)
CORPORATE SOURCE: (1) Molecular Staging, Inc., 300 George Street, Suite 701, New Haven, CT, 06511: stephenk@molecularstaging.com USA
SOURCE: Nature Biotechnology, (April, 2002) Vol. 20, No. 4, pp. 359-365. http://www.nature.com/nbt/. print. ISSN: 1087-0156.
DOCUMENT TYPE: Article
LANGUAGE: English

TI Multiplexed protein profiling on microarrays by rolling-circle amplification.

SO Nature Biotechnology, (April, 2002) Vol. 20, No. 4, pp. 359-365. http://www.nature.com/nbt/. print. ISSN: 1087-0156.

AU Schweitzer, Barry; Roberts, Scott; Grimwade, Brian; Shao, Weiping; Wang, Minjuan; Fu, Qin; Shu, Quiping; Laroche, Isabelle; Zhou, Zhimin; Tchernev, Velizar T.; Christiansen, Jason; Velleca, Mark; Kingsmore, Stephen F. (1)

AB Fluorescent-sandwich immunoassays on microarrays hold appeal for proteomics studies, because equipment and **antibodies** are readily available, and assays are simple, scalable, and reproducible. The achievement of adequate sensitivity and specificity, however, requires a general method of immunoassay amplification. We describe coupling of isothermal rolling-circle amplification (RCA) to universal

antibodies for this purpose. A total of 75 cytokines were measured simultaneously on glass arrays with signal amplification by RCA with high specificity, femtomolar sensitivity, 3 log quantitative range, and economy of sample consumption. A 51-feature RCA cytokine glass array was used to measure secretion from human dendritic cells (DCs) induced by lipopolysaccharide (LPS) or tumor necrosis factor-alpha (TNF-alpha). As expected, LPS induced rapid secretion of inflammatory cytokines such as macrophage inflammatory protein (MIP)-1beta, interleukin (IL)-8, and interferon-inducible protein (IP)-10. We found that eotaxin-2 and I-309 were induced by LPS; in addition, **macrophage-derived chemokine** (MDC), thymus and activation-regulated chemokine (TARC), soluble interleukin 6 receptor (sIL-6R), and soluble tumor necrosis factor receptor I (sTNF-RI) were induced by TNF-alpha **treatment**. Because microarrays can accommodate apprx1,000 sandwich immunoassays of this type, a relatively small number of RCA microarrays seem to offer a tractable approach for proteomic surveys.

L10 ANSWER 11 OF 12 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
ACCESSION NUMBER: 2001:185996 BIOSIS
DOCUMENT NUMBER: PREV200100185996
TITLE: The CC chemokines MDC and TARC induce platelet activation via CCR4.
AUTHOR(S): Abi-Younes, Sylvie; Si-Tahar, Mustapha; Luster, Andrew D. (1)
CORPORATE SOURCE: (1) Massachusetts General Hospital-East, 13th Street, Building 149, Charlestown, MA, 02129: luster@helix.mgh.harvard.edu USA
SOURCE: Thrombosis Research, (February 15, 2001) Vol. 101, No. 4, pp. 279-289. print.
ISSN: 0049-3848.
DOCUMENT TYPE: Article
LANGUAGE: English
SUMMARY LANGUAGE: English
TI The CC chemokines MDC and TARC induce platelet activation via CCR4.
SO Thrombosis Research, (February 15, 2001) Vol. 101, No. 4, pp. 279-289. print.
ISSN: 0049-3848.
AU Abi-Younes, Sylvie; Si-Tahar, Mustapha; Luster, Andrew D. (1)
AB While chemokines have received considerable attention for their role in leukocyte chemotaxis, their effects on platelets have not been well described. We found that two CC chemokine receptor 4 (CCR4) ligands, **macrophage-derived chemokine** (MDC) and thymus and activation-regulated chemokine (TARC) induce concentration-dependent platelet aggregation and calcium flux. Flow cytometric analysis revealed the expression of CCR4 on platelets and a monoclonal **antibody** (mAb) to CCR4 inhibited MDC- and TARC-induced platelet aggregation, confirming that this effect is mediated through their common receptor CCR4. MDC fully desensitized TARC-induced calcium mobilization in platelets, while TARC was unable to completely desensitize a subsequent MDC response, which is similar to observations made in Th2 CD4+ lymphocytes and CCR4-transfected cells. Aspirin (ASA) **treatment** of platelets allowed reversible primary aggregation but inhibited irreversible complete aggregation, suggesting that MDC- and TARC-induced full platelet aggregation is dependent on cyclooxygenase metabolites of arachidonic acid. MDC and TARC were unable to induce platelet aggregation and platelet secretion in washed human platelets, even though they induced a calcium flux, suggesting that plasma components are required for MDC-

and TARC-induced platelet aggregation. Since Th2-type cytokines induce the release of MDC and TARC from cells and the expression of these chemokines is increased in Th2-type inflammation, we hypothesize that MDC and TARC may play a role in platelet activation seen in Th2 diseases, such as asthma and atopic dermatitis.

L10 ANSWER 12 OF 12 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
ACCESSION NUMBER: 2001:115423 BIOSIS
DOCUMENT NUMBER: PREV200100115423
TITLE: Adenosine diphosphate strongly potentiates the ability of the chemokines MDC, TARC, and SDF-1 to stimulate platelet function.
AUTHOR(S): Gear, Adrian R. L. (1); Suttitanamongkol, Sudawadee; Viisoreanu, Delia; Polanowska-Grabowska, Renata K.; Raha, Sanghamitra; Camerini, David
CORPORATE SOURCE: (1) Department of Biochemistry and Molecular Genetics, University of Virginia Health Sciences Center, 1300 Jefferson Park Ave, Charlottesville, VA, 22908: alg4p@virginia.edu USA
SOURCE: Blood, (February 15, 2001) Vol. 97, No. 4, pp. 937-945. print.
ISSN: 0006-4971.
DOCUMENT TYPE: Article
LANGUAGE: English
SUMMARY LANGUAGE: English
TI Adenosine diphosphate strongly potentiates the ability of the chemokines MDC, TARC, and SDF-1 to stimulate platelet function.
SO Blood, (February 15, 2001) Vol. 97, No. 4, pp. 937-945. print.
ISSN: 0006-4971.
AU Gear, Adrian R. L. (1); Suttitanamongkol, Sudawadee; Viisoreanu, Delia; Polanowska-Grabowska, Renata K.; Raha, Sanghamitra; Camerini, David
AB Platelet activation is normally induced by primary agonists such as adenosine diphosphate (ADP), thrombin, and collagen, whereas other agonists, such as epinephrine, can play important accessory roles. It is now reported that the **macrophage-derived chemokine** (MDC), thymus activation-regulated chemokine (TARC), and stromal cell-derived factor one (SDF-1) are highly effective activators of platelet function under a variety of conditions, stimulating platelet shape change, aggregation, and adhesion to collagen or fibrinogen. Chemokine-mediated platelet activation was rapid and maximal (less than 5 seconds) under arterial flow conditions and depended strongly on the presence of low levels of primary agonists such as ADP or thrombin. Concentrations of ADP (0.05-0.25 muM) or thrombin (0.005-0.02 U/mL) that induced minimal aggregation caused major aggregation acting in combination with the chemokines. The ability of apyrase to block chemokine-dependent aggregation or adhesion was consistent with an important role for ADP. Chemokine-stimulated aggregation was also insensitive to indomethacin, suggesting that the activation of cyclo-oxygenase is not involved. TARC, MDC, and SDF-1 increased intracellular calcium concentrations (Ca2+)i when combined with low levels of ADP. The MDC and TARC receptor CCR4 was expressed on platelets, and an anti-CCR4 **antibody** blocked aggregation induced by TARC or MDC. **Treatment** of platelets with SDF-1 and MDC rapidly exposed P-selectin (CD62P) on the cell surface but did not induce the secretion of serotonin. These findings suggest that the chemokines MDC, TARC, and SDF-1, which may be produced during inflammatory

responses, coupled with low levels of ADP or thrombin, can serve as strong
stimuli for activating platelet function.

=> D L9 IBIB TI SO AU ABS

L9 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2000:790144 CAPLUS
DOCUMENT NUMBER: 133:349154
TITLE: CCR4 **antagonists** for **treatment** of septic shock
INVENTOR(S): Power, Christina A.; Chivatchko, Yolande
PATENT ASSIGNEE(S): Applied Research Systems ARS Holding N.V., Neth. Antilles
SOURCE: Eur. Pat. Appl., 20 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1050307	A1	20001108	EP 1999-108954	19990506
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
WO 2000067791	A1	20001116	WO 2000-EP4018	20000504
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
EP 1176980	A1	20020206	EP 2000-927140	20000504
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				

PRIORITY APPLN. INFO.: EP 1999-108954 A 19990506
WO 2000-EP4018 W 20000504

TI CCR4 **antagonists** for **treatment** of septic shock
SO Eur. Pat. Appl., 20 pp.
CODEN: EPXXDW
IN Power, Christina A.; Chivatchko, Yolande
AB The authors disclose the cytokine and cellular responses to lipopolysaccharide administration in mice having a targeted disruption of the CCR4 gene. CCR4 receptor **antagonists** (e.g., antibodies) are proposed for the **treatment** and/or prevention of septic shock.
REFERENCE COUNT: 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE
FORMAT

=> D L7 IBIB TI SO AU ABS 1-9

L7 ANSWER 1 OF 9 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2002:428737 CAPLUS
DOCUMENT NUMBER: 137:1473

TITLE: Chemokine and chemokine receptor gene expression for skin disorder diagnosis and therapy
INVENTOR(S): Homey, Bernhard; Zepeda, Monica L.; Zlotnik, Albert
PATENT ASSIGNEE(S): Schering Corporation, USA
SOURCE: PCT Int. Appl., 17 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002043758	A2	20020606	WO 2001-US44338	20011127
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, HR, HU, ID, IL, IN, IS, JP, KG, KR, KZ, LC, LK, LR, LT, LU, LV, MA, MD, MG, MK, MN, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UZ, VN, YU, ZA, ZM, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2002025756	A5	20020611	AU 2002-25756	20011127
US 2002111290	A1	20020815	US 2001-995534	20011127

PRIORITY APPLN. INFO.: US 2000-250782P P 20001201
WO 2001-US44338 W 20011127

TI Chemokine and chemokine receptor gene expression for skin disorder diagnosis and therapy
SO PCT Int. Appl., 17 pp.
CODEN: PIXXD2
IN Homey, Bernhard; Zepeda, Monica L.; Zlotnik, Albert
AB The present invention is based, in part, upon the recognition of the correlation of chemokine and chemokine receptor agonists and **antagonists** in skin inflammation disorders, and in wound healing. The present invention provides methods of diagnosing or evaluating a skin injury or condition affecting the skin, the method comprising evaluating expression of: a chemokine selected from MCP-2 (CCL8), DC-CK1 (CCL18), TARC (CCL17), RANTES (CCL5), MIP3b (CCL19), I-309 (CCL1), MIG (CXCL9), IP-10 (CXCL10), ITAC (CXCL11), BCA-1 (CXCL13), lymphotactin (XCL1), MDC (CCL22), IL-8 (CXCL8), MCP-3 (CCL7), MCP-1 (CCL2), or SDF-1; or a chemokine receptor selected from CCR5, CCR7, CXCR3, CXCR5, XCR1, CCR2, CCR4, CCR8, or CXCR4. Typically, the condition is selected from lupus erythematosus, atopic dermatitis, cutaneous wound, skin healing, or an inflammatory condition; or the evaluating is: measuring a plurality of the expression levels; measuring mRNA levels; or measuring protein levels. The invention further provides methods of treating a condition affecting the skin, the method comprising administering an **antagonist** of a chemokine. Specific primers and probes for the human and mouse chemokines and chemokine receptors were designed and validated.

L7 ANSWER 2 OF 9 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2002:183334 CAPLUS
DOCUMENT NUMBER: 136:308382
TITLE: Inflammatory mediators in uveitis: differential induction of cytokines and chemokines in Th1- versus Th2-mediated ocular inflammation
AUTHOR(S): Foxman, Ellen F.; Zhang, Meifen; Hurst, Stephen D.;

Muchamuel, Tony; Shen, Defen; Wawrousek, Eric F.; Chan, Chi-Chao; Gery, Igal
CORPORATE SOURCE: National Eye Institute, National Institutes of Health, Bethesda, MD, 20892, USA
SOURCE: Journal of Immunology (2002), 168(5), 2483-2492
CODEN: JOIMA3; ISSN: 0022-1767
PUBLISHER: American Association of Immunologists
DOCUMENT TYPE: Journal
LANGUAGE: English
TI Inflammatory mediators in uveitis: differential induction of cytokines and chemokines in Th1- versus Th2-mediated ocular inflammation
SO Journal of Immunology (2002), 168(5), 2483-2492
CODEN: JOIMA3; ISSN: 0022-1767
AU Foxman, Ellen F.; Zhang, Meifen; Hurst, Stephen D.; Muchamuel, Tony; Shen, Defen; Wawrousek, Eric F.; Chan, Chi-Chao; Gery, Igal
AB Ocular inflammation leads to vision loss through the destruction and scarring of delicate tissues along the visual axis. To identify inflammatory mediators involved in this process, we used real time RT-PCR to quantify the expression of mRNA transcripts of 34 cytokines, 26 chemokines, and 14 chemokine receptors at certain time points during T cell-mediated ocular inflammation. We induced disease by adoptive transfer of Ag-specific Th1 or Th2 cells into recipients expressing the target Ag in their eyes. We also compared the mediator expression patterns seen in adoptive transfer-induced inflammation with that seen in mouse eyes developing exptl. autoimmune uveoretinitis. In addn., we used laser capture microdissection to examine chemokine mRNA prodn. by both retinal pigment epithelium cells and infiltrating leukocytes in inflamed eyes. Major findings included the following: 1) Three patterns of expression of the inflammation-related mols. were seen in recipients of adoptively transferred Th cells: preferential expression in Th1 recipients, or in Th2 recipients, or similar expression in both recipient groups. 2) In exptl. autoimmune uveoretinitis, the inflammatory mediator expression pattern largely paralleled that seen in Th1-induced disease. 3) Both retinal pigment epithelium and infiltrating leukocytes expressed chemokine transcripts in distinct, but overlapping patterns in inflamed eyes. 4) Interestingly, transcripts of multiple cytokines, chemokines, and chemokine receptors were constitutively expressed in high levels in mouse eyes. Seven of these mols. have not been previously assocd. with the eye. These data underscore the multiplicity of mediators that participate in the pathogenesis of eye inflammation and point to upstream cytokines as potential therapeutic targets.
REFERENCE COUNT: 77 THERE ARE 77 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 3 OF 9 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2002:57331 CAPLUS
DOCUMENT NUMBER: 136:319540
TITLE: Gene profiling reveals unknown enhancing and suppressive actions of glucocorticoids on immune cells
AUTHOR(S): Galon, Jerome; Franchimont, Denis; Hiroi, Naoki; Frey, Gregory; Boettner, Antje; Ehrhart-Bornstein, Monika; O'Shea, John J.; Chrousos, George P.; Bornstein, Stefan R.

CORPORATE SOURCE: Lymphocyte Cell Biology Section, NIAMS, National Institutes of Health, Bethesda, MD, 20892, USA
SOURCE: FASEB Journal (2002), 16(1), 61-71
CODEN: FAJOEC; ISSN: 0892-6638
PUBLISHER: Federation of American Societies for Experimental Biology
DOCUMENT TYPE: Journal
LANGUAGE: English

TI Gene profiling reveals unknown enhancing and suppressive actions of glucocorticoids on immune cells

SO FASEB Journal (2002), 16(1), 61-71
CODEN: FAJOEC; ISSN: 0892-6638

AU Galon, Jerome; Franchimont, Denis; Hiroi, Naoki; Frey, Gregory; Boettner, Antje; Ehrhart-Bornstein, Monika; O'Shea, John J.; Chrousos, George P.; Bornstein, Stefan R.

AB Glucocorticoids continue to be the major immunomodulatory agents used in clin. medicine today. However, their actions as anti-inflammatory and immunosuppressive drugs are both beneficial and deleterious. We analyzed the effect of glucocorticoids on the gene expression profile of peripheral blood mononuclear cells from healthy donors. DNA microarray anal. combined with quant. TaqMan PCR and flow cytometry revealed that glucocorticoids induced the expression of chemokine, cytokine, and complement family members as well as of newly discovered innate immune-related genes, including scavenger and Toll-like receptors. In contrast, glucocorticoids repressed the expression of adaptive immune-related genes. Simultaneous inhibitory and stimulatory effects of glucocorticoids were found on inflammatory T helper subsets and apoptosis-related gene clusters. In cells activated by T cell receptor crosslinking, glucocorticoids down-regulated the expression of specific genes that were previously up-regulated in resting cells, suggesting a potential new mechanism by which they exert pos. and neg. effects. Considering the broad and continuously renewed interest in glucocorticoid therapy, the profiles we describe here will be useful in designing more specific and efficient treatment strategies.

REFERENCE COUNT: 42 THERE ARE 42 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 4 OF 9 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2002:28942 CAPLUS
DOCUMENT NUMBER: 137:18832
TITLE: TARC: novel mediator for allergic inflammation
AUTHOR(S): Sandoval-Lopez, G.; Teran, L. M.
CORPORATE SOURCE: Inst. Nac. Enfermedades Respiratorias Calzada, Mexico City, 14080, Mex.
SOURCE: Clinical and Experimental Allergy (2001), 31(12), 1809-1812
CODEN: CLEAEN; ISSN: 0954-7894
PUBLISHER: Blackwell Science Ltd.
DOCUMENT TYPE: Journal; General Review
LANGUAGE: English

TI TARC: novel mediator for allergic inflammation

SO Clinical and Experimental Allergy (2001), 31(12), 1809-1812
CODEN: CLEAEN; ISSN: 0954-7894

AU Sandoval-Lopez, G.; Teran, L. M.

[illegible]review on the potential role of the CC chemokine, called TARC, in [illegible]gic inflammation. TARC is located on chromosome region 16q13, and

is 2716 base pairs in length, coding a highly basic preprotein of 94 amino acid residues with a cleavage site between Ala 23 and Ala 24. The use of a monoclonal antibody to neutralize TARC in a mouse model of asthma has shown an important contribution for this cytokine in inducing the infiltration of both CD4+ lymphocytes and eosinophils in response to allergen challenge. This observation is further supported by the finding of increased TARC in the airways of asthmatic patients. TARC has also been implicated in other allergic diseases including allergic rhinitis, atopic dermatitis, and allergic contact dermatitis. The use of small CCR4 **antagonists** with clin. efficacy may have a substantial impact in treating allergic disease.

REFERENCE COUNT: 32 THERE ARE 32 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 5 OF 9 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 2001:110910 CAPLUS
DOCUMENT NUMBER: 134:290688
TITLE: ADP receptor **antagonists** inhibit platelet aggregation induced by the chemokines SDF-1, MDC and TARC
AUTHOR(S): Suttitanamongkol, S.; Gear, A. R. L.
CORPORATE SOURCE: Department of Biochemistry and Molecular Genetics, University of Virginia, Charlottesville, VA, 22908, USA
SOURCE: FEBS Letters (2001), 490(1,2), 84-87
CODEN: FEBLAL; ISSN: 0014-5793
PUBLISHER: Elsevier Science B.V.
DOCUMENT TYPE: Journal
LANGUAGE: English

TI ADP receptor **antagonists** inhibit platelet aggregation induced by the chemokines SDF-1, MDC and TARC
SO FEBS Letters (2001), 490(1,2), 84-87
CODEN: FEBLAL; ISSN: 0014-5793
AU Suttitanamongkol, S.; Gear, A. R. L.
AB The ability of the chemokines SDF-1, MDC and TARC to induce platelet aggregation depends strongly on low levels of ADP. The ADP receptors involved have now been characterized using the P2Y1 and P2TAC receptor **antagonists**, A2P5P and AR-C69931MX. Stimulation of aggregation by the chemokines at 10 s was not blocked by AR-C69931MX, but was strongly inhibited by A2P5P. Pertussis toxin abolished the chemokine-stimulated aggregation. We conclude that the P2Y1 ADP receptor plays a crit. role in the initial phases of SDF-1-, MDC- and TARC-induced platelet aggregation, which involve a pertussis toxin-sensitive G protein.

REFERENCE COUNT: 29 THERE ARE 29 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 6 OF 9 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 2000:712650 CAPLUS
DOCUMENT NUMBER: 133:277217
TITLE: Serial analysis of gene expression in human monocyte-derived dendritic cells
INVENTOR(S): Hashimoto, Shinichi; Matsushima, Koji; Suzuki, Takuji
PATENT ASSIGNEE(S): Foundation for Scientific Technology Promotion, Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 33 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2000279181	A2	20001010	JP 1999-95481	19990401
CA 2333908	AA	20001012	CA 2000-2333908	20000330
WO 2000060074	A1	20001012	WO 2000-JP2019	20000330
W: CA, CN, KR, SG, US				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
EP 1087012	A1	20010328	EP 2000-912973	20000330
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				

PRIORITY APPLN. INFO.: JP 1999-95481 A 19990401
WO 2000-JP2019 W 20000330

TI Serial analysis of gene expression in human monocyte-derived dendritic cells

SO Jpn. Kokai Tokkyo Koho, 33 pp.
CODEN: JKXXAF

IN Hashimoto, Shinichi; Matsushima, Koji; Suzuki, Takuji

AB Genes expressed in human monocyte-derived dendritic cells (DCs), antibody or **antagonist** for the protein products are disclosed. Dendritic cells (DCs) are professional antigen-presenting cells in the immune system and can be generated in vitro from hematopoietic progenitor cells in the bone marrow, CD34+ cord blood cells, precursor cells in the peripheral blood, and blood monocytes by culturing with granulocyte-macrophage colony-stimulating factor (GM-CSF), interleukin-4, and tumor necrosis factor-.alpha.. The authors have performed serial anal. of gene expression (SAGE) in DCs derived from human blood monocytes. A total of 58,540 tag sequences from a DC cDNA library represented more than 17,000 different genes, and these data were compared with SAGE anal. of tags from monocytes (Mo) and GM-CSF-induced macrophages (M.phi.). Many of the genes that were differentially expressed in DCs were identified as genes encoding proteins related to cell structure (gelsolin, vinculin), lipid metab. (lysosome acid lipase, apolipoprotein C-1), and cell motility. Interestingly, the highly expressed genes in DCs encode chemokines such as TARC, MDC, and MCP-4, which preferentially chemoattract Th2-type lymphocytes. Some genes had a lower expression in DCs as compared to in monocytes. Although DCs have been considered to be very heterogeneous, the identification of specific genes expressed in human Mo-derived DCs should provide candidate genes to define subsets of, the function of, and the maturation stage of DCs and possibly also to diagnose diseases in which DCs play a significant role, such as autoimmune diseases and neoplasms. This study represents the first extensive gene expression anal. in any type of DCs.

L7 ANSWER 7 OF 9 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2000:615616 CAPLUS
DOCUMENT NUMBER: 134:188864
TITLE: Maturation of Human Monocyte-Derived Dendritic Cells Studied by Microarray Hybridization

AUTHOR(S): Dietz, Allan B.; Bulur, Peggy A.; Knutson, Gaylord J.;
Matasic, Richard; Vuk-Pavlovic, Stanimir
CORPORATE SOURCE: Stem Cell Laboratory, Mayo Clinic Cancer Center, Mayo Clinic, Rochester, MN, 55905, USA
SOURCE: Biochemical and Biophysical Research Communications (2000), 275(3), 731-738
CODEN: BBRCA9; ISSN: 0006-291X
PUBLISHER: Academic Press
DOCUMENT TYPE: Journal
LANGUAGE: English
TI Maturation of Human Monocyte-Derived Dendritic Cells Studied by Microarray
Hybridization
SO Biochemical and Biophysical Research Communications (2000), 275(3), 731-738
CODEN: BBRCA9; ISSN: 0006-291X
AU Dietz, Allan B.; Bulur, Peggy A.; Knutson, Gaylord J.; Matasic, Richard; Vuk-Pavlovic, Stanimir
AB We compared the transcript profiles of human myeloid immature dendritic (IDC) cells and mature dendritic cells (MDC) by hybridization of cell-derived cDNA to DNA probes immobilized on microarrays. The microarrays contained probes for 4110 known genes. We report maturation-dependent changes in transcription of clusters of differentiation, cytokines, cytokine receptors, chemokines, chemokine receptors, neuropeptides, adhesion mols., and other genes. We identified 1124 transcripts expressed in IDC and 1556 transcripts expressed in MDC. Maturation increased the levels of 291 transcripts twofold or more and reduced the levels of 78 transcripts to one-half or less than in IDC. We identified a concerted maturation-stage-dependent transcription of the variable chains of the members of the .gamma.-chain-cytokine receptor family IL-4R, IL-7R, and IL-15R. Also, we found the reversal of the ratio of transcripts for galectin-3 and galectin-9 upon maturation. We identified maturation-dependent changes in the levels of transcripts for numerous genes encoding proteins previously undetected in dendritic cells such as indoleamine 2,3-deoxygenase, Epstein-Barr virus induced protein 3 and kinesin-2. Moreover, MDC transcribed and translated insulin like growth factor-1 receptor, transforming growth factor .alpha., and neuropeptide Y. Full exptl. details are described in the electronic version of this paper available at http://www.mayo.edu/research/vuk_lab/.

REFERENCE COUNT: 62 THERE ARE 62 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE
FORMAT

L7 ANSWER 8 OF 9 CAPLUS
ACCESSION NUMBER: 2000:493413 CAPLUS
DOCUMENT NUMBER: 133:118952
TITLE: Modulation of systemic memory T cell trafficking
INVENTOR(S): Butcher, Eugene C.; Campbell, James J.; Wu, Lijun; Rottman, James B.
PATENT ASSIGNEE(S): The Board of Trustees of the Leland Stanford Junior University, USA; Leukosite, Inc.
SOURCE: PCT Int. Appl., 39 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000041724	A1	20000720	WO 2000-US953	20000114
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
US 6245332	B1	20010612	US 1999-232878	19990115
EP 1144008	A1	20011017	EP 2000-902419	20000114
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
JP 2002534482	T2	20021015	JP 2000-593334	20000114
US 2002019341	A1	20020214	US 2001-837446	20010417

PRIORITY APPLN. INFO.: US 1999-232878 A 19990115
WO 2000-US953 W 20000114

TI Modulation of systemic memory T cell trafficking

SO PCT Int. Appl., 39 pp.
CODEN: PIXXD2

IN Butcher, Eugene C.; Campbell, James J.; Wu, Lijun; Rottman, James B.

AB Methods are provided to specifically modulate the trafficking of systemic memory T cells, particularly CD4+ T cells, without affecting naive T cells or intestinal memory T cells. It is shown that systemic memory T cells, which are characterized as CD45Ra-, and integrin .alpha.4.beta.7-, express high levels of CCR4. Ligands or CCR4, such as TARC or MDC, act as an adhesion trigger, wherein upon CCR4 binding, these cells undergo integrin-dependent arrest to the appropriate vascular receptor(s). This arrest acts to localize the cells at the target site. The methods of the invention manipulate this triggering, and CCR4 mediated chemotaxis, to affect the localization of T cells in targeted tissues. In one embodiment of the invention, the active agent is a CCR4 agonist, that acts to enhance T cell localization. In an alternative embodiment, the agent is an **antagonist** that blocks CCR4 biol. activity. An advantage of the invention is the selectivity for systemic memory T cells, without affecting native T cells or intestinal memory T cells.

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 9 OF 9 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1999:194178 CAPLUS
DOCUMENT NUMBER: 130:236476
TITLE: Chemokine-derived peptides, peptide variants, derivatives and analogs for modulation of inflammatory responses
INVENTOR(S): Grainger, David J.; Tatalick, Lauren Marie; Kanaly, Suzanne T.
PATENT ASSIGNEE(S): Neorx Corporation, USA
SOURCE: PCT Int. Appl., 208 pp.
CODEN: PIXXD2

DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9912968	A2	19990318	WO 1998-US19052	19980911
WO 9912968	A3	19990729		
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
US 2001006640	A1	20010705	US 1997-927939	19970911
CA 2303422	AA	19990318	CA 1998-2303422	19980911
AU 9893153	A1	19990329	AU 1998-93153	19980911
EP 1012187	A2	20000628	EP 1998-946057	19980911
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
JP 2001515918	T2	20010925	JP 2000-510773	19980911

PRIORITY APPLN. INFO.: US 1997-927939 A2 19970911
WO 1998-US19052 W 19980911

TI Chemokine-derived peptides, peptide variants, derivatives and analogs for modulation of inflammatory responses

SO PCT Int. Appl., 208 pp.
CODEN: PIXXD2

IN Grainger, David J.; Tatalick, Lauren Marie; Kanaly, Suzanne T.

AB The authors disclose the identification and characterization of chemokine-derived peptides, substituted variants and isosteres, and peptidic mimics that exhibit agonistic and antagonistic activity for chemokine receptors. In one example, a peptide derived from a conserved region of human monocyte chemoattractant protein-1 (MCP-1) was shown to inhibit the migration of the THP-1 cell line in response to MIP-1.alpha., MCP-1, SDF-1.alpha., and IL-8. Thus, inhibition was both specific and general. In addn., cyclic and reverse D-enantiomeric analogs of the peptide exhibited improved antagonistic activity. In a second example, a peptide derived from a non-conserved portion of MCP-1 was shown to inhibit CXCR4-mediated infection of Jurkat cells by HIV.

=> D L3 IBIB TI SO AU ABS 1-12

L3 ANSWER 1 OF 12 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2002:862739 CAPLUS
TITLE: Prostaglandin E2 Suppresses Chemokine Production in Human Macrophages through the EP4 Receptor
AUTHOR(S): Takayama, Kiyoshi; Garcia-Cardena, Guillermo; Sukhova, Galina K.; Comander, Jason; Gimbrone, Michael A., Jr.; Libby, Peter
CORPORATE SOURCE: Brigham and Women's Hospital, Department of Pathology, and the Center for Excellence in Vascular Biology, Department of Medicine, Leducq Center for

Cardiovascular Research, Harvard Medical School, Boston, MA, 02115, USA
SOURCE: Journal of Biological Chemistry (2002), 277(46), 44147-44154
CODEN: JBCHA3; ISSN: 0021-9258
PUBLISHER: American Society for Biochemistry and Molecular Biology
DOCUMENT TYPE: Journal
LANGUAGE: English
TI Prostaglandin E2 Suppresses Chemokine Production in Human Macrophages through the EP4 Receptor
SO Journal of Biological Chemistry (2002), 277(46), 44147-44154
CODEN: JBCHA3; ISSN: 0021-9258
AU Takayama, Kiyoshi; Garcia-Cardena, Guillermo; Sukhova, Galina K.; Comander, Jason; Gimbrone, Michael A., Jr.; Libby, Peter
AB Pro-inflammatory pathways participate in the pathogenesis of atherosclerosis. However, the role of endogenous anti-inflammatory pathways in atheroma has received much less attention. Therefore, using cDNA microarrays, we screened for genes regulated by prostaglandin E2 (PGE2), a potential endogenous anti-inflammatory mediator, in lipopolysaccharide (LPS)-treated human macrophages (M.PHI.). PGE2 (50 nm) attenuated LPS-induced mRNA and protein expression of chemokines including monocyte chemoattractant protein-1, interleukin-8, macrophage inflammatory protein-1.alpha. and -1.beta., and interferon-inducible protein-10. PGE2 also inhibited the tumor necrosis factor-.alpha.-, interferon-.gamma.-, and interleukin-1.beta.-mediated expression of these chemokines. In contrast to the case of M.PHI., PGE2 did not suppress chemokine expression in human endothelial and smooth muscle cells (SMC) treated with LPS and pro-inflammatory cytokines. To assess the potential paracrine effect of endogenous PGE2 on **macrophage-derived chemokine** prodn., we co-cultured M.PHI. with SMC in the presence of LPS. In these co-cultures, cyclooxygenase-2-dependent PGE2 prodn. exceeded that in the mono-cultures, and MIP-1.beta. declined significantly compared with M.PHI. cultured without SMC. We further documented prominent expression of the PGE2 receptor EP4 in M.PHI. in both culture and human atheroma. Moreover, a selective EP4 **antagonist** completely reversed PGE2-mediated suppression of chemokine prodn. Thus, endogenous PGE2 may modulate inflammation during atherogenesis and other inflammatory diseases by suppressing **macrophage-derived chemokine** prodn. via the EP4 receptor.

L3 ANSWER 2 OF 12 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2002:676193 CAPLUS
DOCUMENT NUMBER: 137:215825
TITLE: Protein and cDNA sequences of human cytokine receptor complex including IL-7R.alpha. and R.delta.2 subunit for cytokine ligand IL-B50
INVENTOR(S): Reche-Gallardo, Pedro A.; De Waal Malefyt, Rene; Bazan, J. Fernando; Kastelein, Robert A.; Liu, Yong-Jun
PATENT ASSIGNEE(S): Schering Corporation, USA
SOURCE: PCT Int. Appl., 118 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002068646	A2	20020906	WO 2001-US50351	20011109
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, HR, HU, ID, IL, IN, IS, JP, KG, KR, KZ, LC, LK, LR, LT, LU, LV, MA, MD, MG, MK, MN, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UZ, VN, YU, ZA, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2002173623	A1	20021121	US 2001-8566	20011108

PRIORITY APPLN. INFO.: US 2000-247218P P 20001110
US 2001-298268P P 20010614

TI Protein and cDNA sequences of human cytokine receptor complex including IL-7R.alpha. and R.delta.2 subunit for cytokine ligand IL-B50

SO PCT Int. Appl., 118 pp.
CODEN: PIXXD2

IN Reche-Gallardo, Pedro A.; De Waal Malefyt, Rene; Bazan, J. Fernando; Kastelein, Robert A.; Liu, Yong-Jun

AB The invention provides protein and cDNA sequences of human cytokine receptor complex including IL-7R.alpha. and R.delta.2 subunit for cytokine ligand IL-B50. The present invention provides methods of producing a ligand : receptor complex, comprising contacting: a substantially pure or recombinant mammalian IL-B50 with a receptor comprising the IL-7R.alpha. or the R.delta.2 subunit; a mammalian IL-B50 with a receptor comprising a substantially pure or recombinant IL-7R.alpha. subunit; or a mammalian IL-B50 with a receptor comprising a substantially pure or recombinant R.delta.2 subunit; which contacting thereby allows the complex to form. In preferred embodiments, the mammalian IL-B50 is primate IL-B50, such as human IL-B50; the complex formation results in signal transduction, STAT activation, or TARC expression; the receptor is on a cell; the receptor comprises both IL-7R.alpha. and R.delta.2 subunit; the complex formation results in a physiol. change in the cell expressing the receptor; the contacting is in combination with a proliferative agent, cytokine, or chemokine; the contacting allows quant. detection of the ligand; or receptor is on a hematopoietic cell, including a lymphoid lineage cell, a myeloid cell such as a monocyte, or dendritic cell. Another method is provided for modulating physiol. or development of an IL-7R.alpha. or R.delta.2 expressing cell comprising contacting the cell to an exogenous agonist or **antagonist** of a mammalian IL-B50.

L3 ANSWER 3 OF 12 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2002:428737 CAPLUS
DOCUMENT NUMBER: 137:1473
TITLE: Chemokine and chemokine receptor gene expression for skin disorder diagnosis and therapy
INVENTOR(S): Homey, Bernhard; Zepeda, Monica L.; Zlotnik, Albert
PATENT ASSIGNEE(S): Schering Corporation, USA
SOURCE: PCT Int. Appl., 17 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002043758	A2	20020606	WO 2001-US44338	20011127
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, HR, HU, ID, IL, IN, IS, JP, KG, KR, KZ, LC, LK, LR, LT, LU, LV, MA, MD, MG, MK, MN, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UZ, VN, YU, ZA, ZM, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2002025756	A5	20020611	AU 2002-25756	20011127
US 2002111290	A1	20020815	US 2001-995534	20011127
PRIORITY APPLN. INFO.:			US 2000-250782P P	20001201
			WO 2001-US44338 W	20011127

TI Chemokine and chemokine receptor gene expression for skin disorder diagnosis and therapy

SO PCT Int. Appl., 17 pp.
CODEN: PIXXD2

IN Homey, Bernhard; Zepeda, Monica L.; Zlotnik, Albert

AB The present invention is based, in part, upon the recognition of the correlation of chemokine and chemokine receptor agonists and **antagonists** in skin inflammation disorders, and in wound healing. The present invention provides methods of diagnosing or evaluating a skin injury or condition affecting the skin, the method comprising evaluating expression of: a chemokine selected from MCP-2 (CCL8), DC-CK1 (CCL18), TARC (CCL17), RANTES (CCL5), MIP3b (CCL19), I-309 (CCL1), MIG (CXCL9), IP-10 (CXCL10), ITAC (CXCL11), BCA-1 (CXCL13), lymphotactin (XCL1), MDC (CCL22), IL-8 (CXCL8), MCP-3 (CCL7), MCP-1 (CCL2), or SDF-1; or a chemokine receptor selected from CCR5, CCR7, CXCR3, CXCR5, XCR1, CCR2, CCR4, CCR8, or CXCR4. Typically, the condition is selected from lupus erythematosus, atopic dermatitis, cutaneous wound, skin healing, or an inflammatory condition; or the evaluating is: measuring a plurality of the expression levels; measuring mRNA levels; or measuring protein levels. The invention further provides methods of treating a condition affecting the skin, the method comprising administering an **antagonist** of a chemokine. Specific primers and probes for the human and mouse chemokines and chemokine receptors were designed and validated.

L3 ANSWER 4 OF 12 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER:	2002:183334 CAPLUS
DOCUMENT NUMBER:	136:308382
TITLE:	Inflammatory mediators in uveitis: differential induction of cytokines and chemokines in Th1- versus Th2-mediated ocular inflammation
AUTHOR(S):	Foxman, Ellen F.; Zhang, Meifen; Hurst, Stephen D.; Muchamuel, Tony; Shen, Defen; Wawrousek, Eric F.; Chan, Chi-Chao; Gery, Igal
CORPORATE SOURCE:	National Eye Institute, National Institutes of Health, Bethesda, MD, 20892, USA
SOURCE:	Journal of Immunology (2002), 168(5), 2483-2492 CODEN: JOIMA3; ISSN: 0022-1767
PUBLISHER:	American Association of Immunologists
DOCUMENT TYPE:	Journal
LANGUAGE:	English

TI Inflammatory mediators in uveitis: differential induction of cytokines and
chemokines in Th1- versus Th2-mediated ocular inflammation
SO Journal of Immunology (2002), 168(5), 2483-2492
CODEN: JOIMA3; ISSN: 0022-1767
AU Foxman, Ellen F.; Zhang, Meifen; Hurst, Stephen D.; Muchamuel, Tony; Shen,
Defen; Wawrousek, Eric F.; Chan, Chi-Chao; Gery, Igal
AB Ocular inflammation leads to vision loss through the destruction and scarring of delicate tissues along the visual axis. To identify inflammatory mediators involved in this process, we used real time RT-PCR to quantify the expression of mRNA transcripts of 34 cytokines, 26 chemokines, and 14 chemokine receptors at certain time points during T cell-mediated ocular inflammation. We induced disease by adoptive transfer of Ag-specific Th1 or Th2 cells into recipients expressing the target Ag in their eyes. We also compared the mediator expression patterns seen in adoptive transfer-induced inflammation with that seen in mouse eyes developing exptl. autoimmune uveoretinitis. In addn., we used laser capture microdissection to examine chemokine mRNA prodn. by both retinal pigment epithelium cells and infiltrating leukocytes in inflamed eyes. Major findings included the following: 1) Three patterns of expression of the inflammation-related mols. were seen in recipients of adoptively transferred Th cells: preferential expression in Th1 recipients, or in Th2 recipients, or similar expression in both recipient groups. 2) In exptl. autoimmune uveoretinitis, the inflammatory mediator expression pattern largely paralleled that seen in Th1-induced disease. 3) Both retinal pigment epithelium and infiltrating leukocytes expressed chemokine transcripts in distinct, but overlapping patterns in inflamed eyes. 4) Interestingly, transcripts of multiple cytokines, chemokines, and chemokine receptors were constitutively expressed in high levels in mouse eyes. Seven of these mols. have not been previously assocd. with the eye. These data underscore the multiplicity of mediators that participate in the pathogenesis of eye inflammation and point to upstream cytokines as potential therapeutic targets.
REFERENCE COUNT: 77 THERE ARE 77 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE
FORMAT

L3 ANSWER 5 OF 12 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2001:781079 CAPLUS
DOCUMENT NUMBER: 135:348851
TITLE: Albumin fusion proteins with therapeutic proteins for improved shelf-life
INVENTOR(S): Rosen, Craig A.; Haseltine, William A.
PATENT ASSIGNEE(S): Human Genome Sciences, Inc, USA
SOURCE: PCT Int. Appl., 606 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 7
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001079444	A2	20011025	WO 2001-US12013	20010412
WO 2001079444	A3	20020523		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS,

LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO,
RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ,
VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,
BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

AU 2001074809 A5 20011020 AU 2001-74809 20010412
PRIORITY APPLN. INFO.: US 2000-229358P P 20000412
US 2000-199384P P 20000425
US 2000-256931P P 20001221
WO 2001-US12013 W 20010412

TI Albumin fusion proteins with therapeutic proteins for improved shelf-life
SO PCT Int. Appl., 606 pp.
CODEN: PIXXD2
IN Rosen, Craig A.; Haseltine, William A.
AB The present invention encompasses fusion proteins of albumin with various therapeutic proteins. Therapeutic proteins may be stabilized to extend the shelf-life, and/or to retain the therapeutic protein's activity for extended periods of time in soln., in vitro and/or in vivo, by genetically or chem. fusing or conjugating the therapeutic protein to albumin or a fragment or variant of albumin. Use of albumin fusion proteins may also reduce the need to formulate the protein solns. with large excesses of carrier proteins to prevent loss of therapeutic proteins due to factors such as binding to the container. Nucleic acid mols. encoding the albumin fusion proteins of the invention are also encompassed by the invention, as are vectors contg. these nucleic acids, host cells transformed with these nucleic acids vectors, and methods of making the albumin fusion proteins of the invention and using these nucleic acids, vectors, and/or host cells. Thus, plasmid vectors are constructed in which DNA encoding the desired therapeutic protein may be inserted for expression of the albumin fusion proteins in yeast (pPPC0005) and mammalian cells (pC4:HSA). Yeast-derived signal sequences from Saccharomyces cerevisiae invertase SUC2 gene, or the stanniocalcin or native human serum albumin signal peptides, are used for secretion in yeast or mammalian systems, resp. Thus, the fusion product of human growth hormone with residues 1-387 of human serum albumin retains essentially intact biol. activity after 5 wk of incubation in tissue culture media at 37.degree., whereas recombinant human growth hormone used as control lost its biol. activity in the first week. Although the potency of the albumin fusion proteins is slightly lower than the unfused counterparts in rapid bioassays, their biol. stability results in much higher biol. activity in the longer term in vitro assay or in vivo assays. Addnl., the present invention encompasses pharmaceutical compns. comprising albumin fusion proteins and methods of treating, preventing, or ameliorating diseases, disorders or conditions using albumin fusion proteins of the invention.

L3 ANSWER 6 OF 12 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2001:110910 CAPLUS
DOCUMENT NUMBER: 134:290688
TITLE: ADP receptor **antagonists** inhibit platelet aggregation induced by the chemokines SDF-1, MDC and TARC
AUTHOR(S): Suttitanamongkol, S.; Gear, A. R. L.
CORPORATE SOURCE: Department of Biochemistry and Molecular Genetics, University of Virginia, Charlottesville, VA, 22908, USA
SOURCE: FEBS Letters (2001), 490(1,2), 84-87

CODEN: FEBLAL; ISSN: 0014-5793
PUBLISHER: Elsevier Science B.V.
DOCUMENT TYPE: Journal
LANGUAGE: English
TI ADP receptor **antagonists** inhibit platelet aggregation induced by the chemokines SDF-1, MDC and TARC
SO FEBS Letters (2001), 490(1,2), 84-87
CODEN: FEBLAL; ISSN: 0014-5793
AU Suttitanamongkol, S.; Gear, A. R. L.
AB The ability of the chemokines SDF-1, MDC and TARC to induce platelet aggregation depends strongly on low levels of ADP. The ADP receptors involved have now been characterized using the P2Y1 and P2TAC receptor **antagonists**, A2P5P and AR-C69931MX. Stimulation of aggregation by the chemokines at 10 s was not blocked by AR-C69931MX, but was strongly inhibited by A2P5P. Pertussis toxin abolished the chemokine-stimulated aggregation. We conclude that the P2Y1 ADP receptor plays a crit. role in the initial phases of SDF-1-, MDC- and TARC-induced platelet aggregation, which involve a pertussis toxin-sensitive G protein.
REFERENCE COUNT: 29 THERE ARE 29 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 7 OF 12 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2000:790144 CAPLUS
DOCUMENT NUMBER: 133:349154
TITLE: CCR4 **antagonists** for treatment of septic shock
INVENTOR(S): Power, Christina A.; Chivatchko, Yolande
PATENT ASSIGNEE(S): Applied Research Systems ARS Holding N.V., Neth. Antilles
SOURCE: Eur. Pat. Appl., 20 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1050307	A1	20001108	EP 1999-108954	19990506
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
WO 2000067791	A1	20001116	WO 2000-EP4018	20000504
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
EP 1176980	A1	20020206	EP 2000-927140	20000504
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				

PRIORITY APPLN. INFO.: EP 1999-108954 A 19990506
WO 2000-EP4018 W 20000504

TI CCR4 **antagonists** for treatment of septic shock

SO Eur. Pat. Appl., 20 pp.
CODEN: EPXXDW
IN Power, Christina A.; Chivatchko, Yolande
AB The authors disclose the cytokine and cellular responses to lipopolysaccharide administration in mice having a targeted disruption of the CCR4 gene. CCR4 receptor **antagonists** (e.g., antibodies) are proposed for the treatment and/or prevention of septic shock.
REFERENCE COUNT: 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE
FORMAT

L3 ANSWER 8 OF 12 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2000:712650 CAPLUS
DOCUMENT NUMBER: 133:277217
TITLE: Serial analysis of gene expression in human monocyte-derived dendritic cells
INVENTOR(S): Hashimoto, Shinichi; Matsushima, Koji; Suzuki, Takuji
PATENT ASSIGNEE(S): Foundation for Scientific Technology Promotion, Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 33 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2000279181	A2	20001010	JP 1999-95481	19990401
CA 2333908	AA	20001012	CA 2000-2333908	20000330
WO 2000060074	A1	20001012	WO 2000-JP2019	20000330
W: CA, CN, KR, SG, US				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
EP 1087012	A1	20010328	EP 2000-912973	20000330
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				

PRIORITY APPLN. INFO.: JP 1999-95481 A 19990401
WO 2000-JP2019 W 20000330

TI Serial analysis of gene expression in human monocyte-derived dendritic cells
SO Jpn. Kokai Tokkyo Koho, 33 pp.
CODEN: JKXXAF
IN Hashimoto, Shinichi; Matsushima, Koji; Suzuki, Takuji
AB Genes expressed in human monocyte-derived dendritic cells (DCs), antibody or **antagonist** for the protein products are disclosed. Dendritic cells (DCs) are professional antigen-presenting cells in the immune system and can be generated in vitro from hematopoietic progenitor cells in the bone marrow, CD34+ cord blood cells, precursor cells in the peripheral blood, and blood monocytes by culturing with granulocyte-macrophage colony-stimulating factor (GM-CSF), interleukin-4, and tumor necrosis factor-.alpha.. The authors have performed serial anal. of gene expression (SAGE) in DCs derived from human blood monocytes. A total of 58,540 tag sequences from a DC cDNA library represented more than 17,000 different genes, and these data were compared with SAGE anal. of tags from monocytes (Mo) and GM-CSF-induced macrophages (M.phi.). Many of the genes that were differentially expressed in DCs were identified as genes encoding proteins related to cell structure (gelsolin, vinculin), lipid

metab. (lysosome acid lipase, apolipoprotein C-1), and cell motility. Interestingly, the highly expressed genes in DCs encode chemokines such as TARC, MDC, and MCP-4, which preferentially chemoattract Th2-type lymphocytes. Some genes had a lower expression in DCs as compared to in monocytes. Although DCs have been considered to be very heterogeneous, the identification of specific genes expressed in human Mo-derived DCs should provide candidate genes to define subsets of, the function of, and the maturation stage of DCs and possibly also to diagnose diseases in which DCs play a significant role, such as autoimmune diseases and neoplasms. This study represents the first extensive gene expression anal. in any type of DCs.

L3 ANSWER 9 OF 12 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2000:446020 CAPLUS
DOCUMENT NUMBER: 133:175944
TITLE: Stromal cell-derived factor-1 and **macrophage -derived chemokine**: 2 chemokines that activate platelets
AUTHOR(S): Kowalska, M. Anna; Ratajczak, Mariusz Z.; Majka, Marcin; Jin, Jianguo; Kunapuli, Satya; Brass, Lawrence; Poncz, Mortimer
CORPORATE SOURCE: Department of Pediatrics, Children's Hospital of Philadelphia, Philadelphia, PA, 19104, USA
SOURCE: Blood (2000), 96(1), 50-57
CODEN: BLOOAW; ISSN: 0006-4971
PUBLISHER: American Society of Hematology
DOCUMENT TYPE: Journal
LANGUAGE: English
TI Stromal cell-derived factor-1 and **macrophage-derived chemokine**: 2 chemokines that activate platelets
SO Blood (2000), 96(1), 50-57
CODEN: BLOOAW; ISSN: 0006-4971
AU Kowalska, M. Anna; Ratajczak, Mariusz Z.; Majka, Marcin; Jin, Jianguo; Kunapuli, Satya; Brass, Lawrence; Poncz, Mortimer
AB Platelets play roles in both thrombosis and inflammation, and chemokines that are released at sites of inflammation could potentially activate platelets. Among the chemokine receptors expressed on platelets, the CXCR4 is the receptor for chemokine stromal cell-derived factor-1 (SDF-1), and the CCR4 is the receptor for **macrophage-derived chemokine** (MDC). Of the chemokines tested, SDF-1 and MDC were the only 2 that activated platelets. Both are weak agonists, but they enhanced response to low-dose ADP, epinephrine, or serotonin. When SDF-1 and MDC were added together, full and brisk platelet aggregation occurred. Platelet activation by these 2 chemokines appears to involve distinct pathways: SDF-1 inhibited an increase in cAMP following prostaglandin (PG) I2, while MDC had no effect. In contrast, MDC, but not SDF-1, lead to Ca2+ mobilization by platelets. Further, second-wave aggregation induced by MDC in platelet-rich plasma was inhibited by aspirin, ADP scavenger creatine phosphate/creatine phosphokinase (CP/CPK), and ARL-66096, an **antagonist** of the ADP P2TAC receptor involved in adenylyl cyclase inhibition. However, the aggregation was not affected by A3P5PS, an inhibitor of the ADP P2Y receptor. SDF-1-induced aggregation was inhibited by aspirin, but it was only slightly affected by CP/CPK, ARL-66096, or A3P5PS. Finally, the presence of chemokines in platelets was detd. Reverse transcriptase-polymerase chain reaction studies with platelet RNA did not detect the presence of SDF-1 or MDC. Thus, SDF-1 and

MDC are platelet agonists that activate distinct intracellular pathways.
REFERENCE COUNT: 45 THERE ARE 45 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 10 OF 12 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 1999:783948 CAPLUS
DOCUMENT NUMBER: 132:9042
TITLE: Receptor ligand **antagonist** complexes and their use in treating or preventing receptor-mediated diseases
INVENTOR(S): Devico, Anthony L.; Lewis, George K.; Burns, Jennifer M.; Gallo, Robert
PATENT ASSIGNEE(S): University of Maryland Biotechnology Institute, USA
SOURCE: PCT Int. Appl., 71 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9962535	A2	19991209	WO 1999-US12137	19990601
WO 9962535	A3	20010329		
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
AU 9943254	A1	19991220	AU 1999-43254	19990601
EP 1100527	A2	20010523	EP 1999-955219	19990601
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
US 6399078	B1	20020604	US 1999-323719	19990601

PRIORITY APPLN. INFO.: US 1998-87436P P 19980601
WO 1999-US12137 W 19990601

TI Receptor ligand **antagonist** complexes and their use in treating or preventing receptor-mediated diseases
SO PCT Int. Appl., 71 pp.
CODEN: PIXXD2
IN Devico, Anthony L.; Lewis, George K.; Burns, Jennifer M.; Gallo, Robert
AB The invention provides therapeutic compns. of receptor ligand-contg. **antagonist** complexes and methods of using them to treat diseases, disorders or conditions assocd. with the function or aberrant function of a cell surface receptor.

L3 ANSWER 11 OF 12 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 1998:398418 CAPLUS
DOCUMENT NUMBER: 129:53370
TITLE: Human chemokine .beta.-13, recombinant production, antibody and nucleic acid probes, and gene therapy
INVENTOR(S): Li, Haodong; Seibel, George
PATENT ASSIGNEE(S): Human Genome Sciences, Inc., USA; Li, Haodong; Seibel,

George
SOURCE: PCT Int. Appl., 86 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9824908	A1	19980611	WO 1997-US23144	19971205
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
AU 9853834	A1	19980629	AU 1998-53834	19971205
EP 958366	A1	19991124	EP 1997-950969	19971205
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
JP 2001506492	T2	20010522	JP 1998-525919	19971205
US 2002055147	A1	20020509	US 2001-908599	20010720
US 2002098545	A1	20020725	US 2001-908600	20010720

PRIORITY APPLN. INFO.:		
US 1996-32432P	P	19961205
US 1995-464594	A2	19950605
US 1997-986188	B2	19971205
WO 1997-US23144	W	19971205
US 1999-432768	B1	19991103
US 2000-484221	B1	20000118

TI Human chemokine .beta.-13, recombinant production, antibody and nucleic acid probes, and gene therapy
SO PCT Int. Appl., 86 pp.
CODEN: PIXXD2
IN Li, Haodong; Seibel, George
AB The present invention relates to a CKbeta-13 (CK.beta.-13) protein which is a member of the chemokine family. In particular, isolated nucleic acid mols. are provided encoding the human CK.beta.-13 protein. Human CK.beta.-13 cDNA contains an open reading frame encoding a protein 93 amino acids in length; two secreted forms are detected with N-terminal Gly25 or Ala29 residues, resp. CK.beta.-13 polypeptides are also provided as are vectors, host cells and recombinant methods for producing the same.
The invention further relates to screening methods for identifying agonists and **antagonists** of CK.beta.-13 activity. Also provided are diagnostic methods for detecting immune system-related disorders and therapeutic methods for treating immune system-related disorders.
REFERENCE COUNT: 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 12 OF 12 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
ACCESSION NUMBER: 2000:343420 BIOSIS
DOCUMENT NUMBER: PREV200000343420
TITLE: Stromal cell-derived factor-1 and **macrophage-derived chemokine**: 2 chemokines that

activate platelets.
AUTHOR(S): Kowalska, M. Anna (1); Ratajczak, Mariusz Z.; Majka, Marcin; Jin, Jianguo; Kunapuli, Satya; Brass, Lawrence; Poncz, Mortimer
CORPORATE SOURCE: (1) Children's Hospital of Philadelphia, 34th Street and Civic Center Blvd, ARC, Room 3141, Philadelphia, PA, 19104 USA
SOURCE: Blood, (July 1, 2000) Vol. 96, No. 1, pp. 50-57. print. ISSN: 0006-4971.
DOCUMENT TYPE: Article
LANGUAGE: English
SUMMARY LANGUAGE: English
TI Stromal cell-derived factor-1 and **macrophage-derived chemokine**: 2 chemokines that activate platelets.
SO Blood, (July 1, 2000) Vol. 96, No. 1, pp. 50-57. print. ISSN: 0006-4971.
AU Kowalska, M. Anna (1); Ratajczak, Mariusz Z.; Majka, Marcin; Jin, Jianguo; Kunapuli, Satya; Brass, Lawrence; Poncz, Mortimer
AB Platelets play roles in both thrombosis and inflammation, and chemokines that are released at sites of inflammation could potentially activate platelets. Among the chemokine receptors expressed on platelets, the CXCR4 is the receptor for chemokine stromal cell-derived factor-1 (SDF-1), and the CCR4 is the receptor for **macrophage-derived chemokine** (MDC). Of the chemokines tested, SDF-1 and MDC were the only 2 that activated platelets. Both are weak agonists, but they enhanced response to low-dose adenosine 5'-diphosphate (ADP), epinephrine, or serotonin. When SDF-1 and MDC were added together, full and brisk platelet aggregation occurred. Platelet activation by these 2 chemokines appears to involve distinct pathways: SDF-1 inhibited an increase in cyclic adenosine monophosphate (cAMP) following prostaglandin (PG) I2, while MDC had no effect. In contrast, MDC, but not SDF-1, lead to Ca++ mobilization by platelets. Further, second-wave aggregation induced by MDC in platelet-rich plasma was inhibited by aspirin, ADP scavenger creatine phosphate/creative phosphokinase (CP/CPK), and ARL-66096, an **antagonist** of the ADP P2TAC receptor involved in adenylyl cyclase inhibition. But the aggregation was not affected by A3P5PS, an inhibitor of the ADP P2Y receptor. SDF-1-induced aggregation was inhibited by aspirin, but it was only slightly affected by CP/CPK, ARL-66096, or A3P5PS. Finally, the presence of chemokines in platelets was determined. Reverse transcriptase-polymerase chain reaction studies with platelet RNA did not detect the presence of SDF-1 or MDC. In summary, SDF-1 and MDC are platelet agonists that activate distinct intracellular pathways. Their importance in the development of thrombosis at sites of inflammation needs to be further evaluated.

=> D L4 IBIB TI AU 1-59

L4 ANSWER 1 OF 59 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2002:832650 CAPLUS
TITLE: Use of dendritic cell-attracting chemokines for augmentation of an immune response

INVENTOR(S): Schall, Thomas J.; Talbot, Dale; Berkovitz, Robert; Zheng, Wei; Howard, Maureen; Premack, Brett
PATENT ASSIGNEE(S): Chemocentryx, USA
SOURCE: PCT Int. Appl., 80 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 3
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002085409	A2	20021031	WO 2001-US45717	20011030

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.: US 2001-834814 A 20010412
TI Use of dendritic cell-attracting chemokines for augmentation of an immune response
IN Schall, Thomas J.; Talbot, Dale; Berkovitz, Robert; Zheng, Wei; Howard, Maureen; Premack, Brett

L4 ANSWER 2 OF 59 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2002:676193 CAPLUS
DOCUMENT NUMBER: 137:215825
TITLE: Protein and cDNA sequences of human cytokine receptor complex including IL-7R.alpha. and R.delta.2 subunit for cytokine ligand IL-B50
INVENTOR(S): Reche-Gallardo, Pedro A.; De Waal Malefyt, Rene; Bazan, J. Fernando; Kastelein, Robert A.; Liu, Yong-Jun
PATENT ASSIGNEE(S): Schering Corporation, USA
SOURCE: PCT Int. Appl., 118 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002068646	A2	20020906	WO 2001-US50351	20011109

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, HR, HU, ID, IL, IN, IS, JP, KG, KR, KZ, LC, LK, LR, LT, LU, LV, MA, MD, MG, MK, MN, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UZ, VN, YU, ZA, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

US 2002173623	A1	20021121	US 2001-8566	20011108

PRIORITY APPLN. INFO.: US 2000-247218P P 20001110
US 2001-298268P P 20010614

TI Protein and cDNA sequences of human cytokine receptor complex including IL-7R.alpha. and R.delta.2 subunit for cytokine ligand IL-B50
IN Reche-Gallardo, Pedro A.; De Waal Malefyt, Rene; Bazan, J. Fernando; Kastelein, Robert A.; Liu, Yong-Jun

L4 ANSWER 3 OF 59 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2002:629149 CAPLUS
DOCUMENT NUMBER: 137:199862
TITLE: DNA vaccines encoding human immunodeficiency virus-1 glycoprotein 120 fusions with proinflammatory chemoattractants induce systemic and mucosal immune responses
AUTHOR(S): Biragyn, Arya; Belyakov, Igor M.; Chow, Yen-Hung; Dimitrov, Dimiter S.; Berzofsky, Jay A.; Kwak, Larry W.
CORPORATE SOURCE: Experimental Transplantation and Immunology Branch, Center for Cancer Research, National Cancer Institute, Bethesda, MD, USA
SOURCE: Blood (2002), 100(4), 1153-1159
CODEN: BLOOAW; ISSN: 0006-4971
PUBLISHER: American Society of Hematology
DOCUMENT TYPE: Journal
LANGUAGE: English
TI DNA vaccines encoding human immunodeficiency virus-1 glycoprotein 120 fusions with proinflammatory chemoattractants induce systemic and mucosal immune responses
AU Biragyn, Arya; Belyakov, Igor M.; Chow, Yen-Hung; Dimitrov, Dimiter S.; Berzofsky, Jay A.; Kwak, Larry W.
REFERENCE COUNT: 37 THERE ARE 37 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 4 OF 59 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2002:429201 CAPLUS
DOCUMENT NUMBER: 137:4997
TITLE: Method for diagnosing allergic diseases using DNA and protein microarray technology
INVENTOR(S): Schmidt-Weber, Carsten; Blaser, Kurt; Wohlfahrt, Jan
PATENT ASSIGNEE(S): Genescan Europe Ag, Germany
SOURCE: PCT Int. Appl., 61 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002044732	A2	20020606	WO 2001-EP13937	20011129

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

EP 1221618 A1 20020710 EP 2000-126117 20001129
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR
AU 2002021906 A5 20020611 AU 2002-21906 20011129
PRIORITY APPLN. INFO.: EP 2000-126117 A 20001129
WO 2001-EP13937 W 20011129
TI Method for diagnosing allergic diseases using DNA and protein microarray technology
IN Schmidt-Weber, Carsten; Blaser, Kurt; Wohlfahrt, Jan

L4 ANSWER 5 OF 59 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2002:428737 CAPLUS
DOCUMENT NUMBER: 137:1473
TITLE: Chemokine and chemokine receptor gene expression for skin disorder diagnosis and therapy
INVENTOR(S): Homey, Bernhard; Zepeda, Monica L.; Zlotnik, Albert
PATENT ASSIGNEE(S): Schering Corporation, USA
SOURCE: PCT Int. Appl., 17 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002043758	A2	20020606	WO 2001-US44338	20011127
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, HR, HU, ID, IL, IN, IS, JP, KG, KR, KZ, LC, LK, LR, LT, LU, LV, MA, MD, MG, MK, MN, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UZ, VN, YU, ZA, ZM, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2002025756	A5	20020611	AU 2002-25756	20011127
US 2002111290	A1	20020815	US 2001-995534	20011127

PRIORITY APPLN. INFO.: US 2000-250782P P 20001201
WO 2001-US44338 W 20011127
TI Chemokine and chemokine receptor gene expression for skin disorder diagnosis and therapy
IN Homey, Bernhard; Zepeda, Monica L.; Zlotnik, Albert

L4 ANSWER 6 OF 59 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2002:420603 CAPLUS
DOCUMENT NUMBER: 137:45954
TITLE: Common and differential chemokine expression patterns in RS cells of NLP, EBV positive and negative classical Hodgkin lymphomas
AUTHOR(S): Maggio, Ewerton M.; Van den Berg, Anke; Visser, Lydia;
Diepstra, Arjan; Kluiver, Joust; Emmens, Roelke; Poppema, Sibrand
CORPORATE SOURCE: Department of Pathology and Laboratory Medicine, University Hospital Groningen, Groningen, Neth.
SOURCE: International Journal of Cancer (2002), 99(5), 665-672
CODEN: IJCNAW; ISSN: 0020-7136
PUBLISHER: Wiley-Liss, Inc.

DOCUMENT TYPE: Journal
LANGUAGE: English
TI Common and differential chemokine expression patterns in RS cells of NLP, EBV positive and negative classical Hodgkin lymphomas
AU Maggio, Ewerton M.; Van den Berg, Anke; Visser, Lydia; Diepstra, Arjan; Kluiver, Joust; Emmens, Roelke; Poppema, Sibrand
REFERENCE COUNT: 64 THERE ARE 64 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE
FORMAT

L4 ANSWER 7 OF 59 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2002:396033 CAPLUS
DOCUMENT NUMBER: 137:277426
TITLE: CD26 is expressed on a restricted subpopulation of dendritic cells in vivo
AUTHOR(S): Gliddon, Daniel R.; Howard, Chris J.
CORPORATE SOURCE: Institute for Animal Health, Newbury, UK
SOURCE: European Journal of Immunology (2002), 32(5), 1472-1481
CODEN: EJIMAF; ISSN: 0014-2980
PUBLISHER: Wiley-VCH Verlag GmbH
DOCUMENT TYPE: Journal
LANGUAGE: English
TI CD26 is expressed on a restricted subpopulation of dendritic cells in vivo
AU Gliddon, Daniel R.; Howard, Chris J.
REFERENCE COUNT: 36 THERE ARE 36 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE
FORMAT

L4 ANSWER 8 OF 59 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2002:396025 CAPLUS
DOCUMENT NUMBER: 137:31957
TITLE: Chronic lymphocytic leukemia B cells are endowed with the capacity to attract CD4+, CD40L+ T cells by producing CCL22
AUTHOR(S): Ghia, Paolo; Strola, Giuliana; Granziero, Luisa; Geuna, Massimo; Guida, Giuseppe; Sallusto, Federica; Ruffing, Nancy; Montagna, Licia; Piccoli, Paola; Chilosi, Marco; Caligaris-Cappio, Federico
CORPORATE SOURCE: Department of Oncological Sciences, University of Torino, University Division of Clinical Immunology and Hematology, Ospedale Mauriziano Umberto I.degree., Turin, Italy
SOURCE: European Journal of Immunology (2002), 32(5), 1403-1413
CODEN: EJIMAF; ISSN: 0014-2980
PUBLISHER: Wiley-VCH Verlag GmbH
DOCUMENT TYPE: Journal
LANGUAGE: English
TI Chronic lymphocytic leukemia B cells are endowed with the capacity to attract CD4+, CD40L+ T cells by producing CCL22
AU Ghia, Paolo; Strola, Giuliana; Granziero, Luisa; Geuna, Massimo; Guida, Giuseppe; Sallusto, Federica; Ruffing, Nancy; Montagna, Licia; Piccoli, Paola; Chilosi, Marco; Caligaris-Cappio, Federico
REFERENCE COUNT: 40 THERE ARE 40 CITED REFERENCES AVAILABLE FOR THIS

RECORD. ALL CITATIONS AVAILABLE IN THE RE
FORMAT

L4 ANSWER 9 OF 59 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2002:393356 CAPLUS
DOCUMENT NUMBER: 137:31858
TITLE: Pivotal role of dendritic cell-derived CXCL10 in the retention of T helper cell 1 lymphocytes in secondary lymph nodes
AUTHOR(S): Yoneyama, Hiroyuki; Narumi, Shosaku; Zhang, Yanyun; Murai, Masako; Baggiolini, Marco; Lanzavecchia, Antonio; Ichida, Takafumi; Asakura, Hitoshi; Matsushima, Kouji
CORPORATE SOURCE: Department of Molecular Preventive Medicine, School of Medicine and Core Research and Evolutional Science and Technology (CREST), The University of Tokyo, Tokyo, 113-0033, Japan
SOURCE: Journal of Experimental Medicine (2002), 195(10), 1257-1266
CODEN: JEMEAV; ISSN: 0022-1007
PUBLISHER: Rockefeller University Press
DOCUMENT TYPE: Journal
LANGUAGE: English
TI Pivotal role of dendritic cell-derived CXCL10 in the retention of T helper cell 1 lymphocytes in secondary lymph nodes
AU Yoneyama, Hiroyuki; Narumi, Shosaku; Zhang, Yanyun; Murai, Masako; Baggiolini, Marco; Lanzavecchia, Antonio; Ichida, Takafumi; Asakura, Hitoshi; Matsushima, Kouji
REFERENCE COUNT: 39 THERE ARE 39 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE
FORMAT

L4 ANSWER 10 OF 59 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2002:291218 CAPLUS
DOCUMENT NUMBER: 136:384549
TITLE: Multiplexed protein profiling on microarrays by rolling-circle amplification
AUTHOR(S): Schweitzer, Barry; Roberts, Scott; Grimwade, Brian; Shao, Weiping; Wang, Minjuan; Fu, Qin; Shu, Quiping; Laroche, Isabelle; Zhou, Zhimin; Tchernev, Velizar T.; Christiansen, Jason; Velleca, Mark; Kingsmore, Stephen F.
CORPORATE SOURCE: Molecular Staging, Inc., New Haven, CT, 06511, USA
SOURCE: Nature Biotechnology (2002), 20(4), 359-365
CODEN: NABIF9; ISSN: 1087-0156
PUBLISHER: Nature America Inc.
DOCUMENT TYPE: Journal
LANGUAGE: English
TI Multiplexed protein profiling on microarrays by rolling-circle amplification
AU Schweitzer, Barry; Roberts, Scott; Grimwade, Brian; Shao, Weiping; Wang, Minjuan; Fu, Qin; Shu, Quiping; Laroche, Isabelle; Zhou, Zhimin; Tchernev, Velizar T.; Christiansen, Jason; Velleca, Mark; Kingsmore, Stephen F.

REFERENCE COUNT: 52 THERE ARE 52 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 11 OF 59 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2002:220660 CAPLUS
DOCUMENT NUMBER: 136:246391
TITLE: Fusion proteins comprising defensin and human tumor antigen or viral antigen for treating cancer and viral infection
INVENTOR(S): Kwak, Larry W.; Biragyn, Arya
PATENT ASSIGNEE(S): United States of America, Department of Health and Human Services, USA
SOURCE: PCT Int. Appl., 154 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002022686	A2	20020321	WO 2001-US29074	20010917
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2001091049	A5	20020326	AU 2001-91049	20010917

PRIORITY APPLN. INFO.: US 2000-233074P P 20000915
WO 2001-US29074 W 20010917

TI Fusion proteins comprising defensin and human tumor antigen or viral antigen for treating cancer and viral infection
IN Kwak, Larry W.; Biragyn, Arya

L4 ANSWER 12 OF 59 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2002:209558 CAPLUS
DOCUMENT NUMBER: 136:323785
TITLE: The identification, characterization, and distribution of guinea pig CCR4 and epitope mapping of a blocking **antibody**
AUTHOR(S): Jopling, Louise A.; Sabroe, Ian; Andrew, David P.; Mitchell, Tracey J.; Li, You; Hodge, Martin R.; Williams, Timothy J.; Pease, James E.
CORPORATE SOURCE: Leukocyte Biology Section, Biomedical Sciences Division, Faculty of Medicine, Imperial College of Science, Technology and Medicine, London, SW7 2AZ, UK
SOURCE: Journal of Biological Chemistry (2002), 277(9), 6864-6873
CODEN: JBCHA3; ISSN: 0021-9258
PUBLISHER: American Society for Biochemistry and Molecular Biology
DOCUMENT TYPE: Journal

LANGUAGE: English
TI The identification, characterization, and distribution of guinea pig CCR4 and epitope mapping of a blocking **antibody**
AU Jopling, Louise A.; Sabroe, Ian; Andrew, David P.; Mitchell, Tracey J.; Li, You; Hodge, Martin R.; Williams, Timothy J.; Pease, James E.
REFERENCE COUNT: 54 THERE ARE 54 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE
FORMAT

L4 ANSWER 13 OF 59 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2002:184856 CAPLUS
DOCUMENT NUMBER: 136:246373
TITLE: Genetically engineered co-expression DNA vaccines: construction and application
INVENTOR(S): Hone, David; Lewis, George; Fouts, Timothy; Bagley, Ken; Boyson, Michael; Obriecht, Christine; Shata, M. T.; Agwale, Simon
PATENT ASSIGNEE(S): University of Maryland Biotechnology Institute, USA
SOURCE: PCT Int. Appl., 107 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002019968	A2	20020314	WO 2001-US28365	20010910
WO 2002019968	A3	20020516		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2001092610	A5	20020322	AU 2001-92610	20010910

PRIORITY APPLN. INFO.:

US 2000-231070P	P	20000908
US 2000-231376P	P	20000908
US 2000-231403P	P	20000908
US 2000-231449P	P	20000908
WO 2001-US28365	W	20010910

TI Genetically engineered co-expression DNA vaccines: construction and application
IN Hone, David; Lewis, George; Fouts, Timothy; Bagley, Ken; Boyson, Michael; Obriecht, Christine; Shata, M. T.; Agwale, Simon

L4 ANSWER 14 OF 59 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2002:157599 CAPLUS
DOCUMENT NUMBER: 136:198922
TITLE: Adjuvant activity of .alpha.2-macroglobulin, monophosphoryl lipid A, and GM-CSF
INVENTOR(S): Haynes, Barton F.; Liao, Hua-Xin; Patel, Dhavalkumar D.
PATENT ASSIGNEE(S): Duke University, USA
SOURCE: PCT Int. Appl., 53 pp.
CODEN: PIXXD2

DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002015930	A1	20020228	WO 2001-US26589	20010827
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2001086775	A5	20020304	AU 2001-86775	20010827
US 2002052318	A1	20020502	US 2001-938831	20010827

PRIORITY APPLN. INFO.: US 2000-227624P P 20000825
WO 2001-US26589 W 20010827

TI Adjuvant activity of .alpha.2-macroglobulin, monophosphoryl lipid A, and GM-CSF
IN Haynes, Barton F.; Liao, Hua-Xin; Patel, Dhavalkumar D.
REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE
FORMAT

L4 ANSWER 15 OF 59 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2002:54705 CAPLUS
DOCUMENT NUMBER: 136:230952
TITLE: MCP-1 causes leukocyte recruitment and subsequently endotoxemic ileus in rat
AUTHOR(S): Turler, Andreas; Schwarz, Nicolas T.; Turler, Esther; Kalff, Jorg C.; Bauer, Anthony J.
CORPORATE SOURCE: Department of Medicine, Division of Gastroenterology, University of Pittsburgh Medical Center, Pittsburgh, PA, 15261, USA
SOURCE: American Journal of Physiology (2002), 282(1, Pt. 1), G145-G155
CODEN: AJPHAP; ISSN: 0002-9513
PUBLISHER: American Physiological Society
DOCUMENT TYPE: Journal
LANGUAGE: English
TI MCP-1 causes leukocyte recruitment and subsequently endotoxemic ileus in rat
AU Turler, Andreas; Schwarz, Nicolas T.; Turler, Esther; Kalff, Jorg C.; Bauer, Anthony J.
REFERENCE COUNT: 57 THERE ARE 57 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE
FORMAT

L4 ANSWER 16 OF 59 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2001:846630 CAPLUS
DOCUMENT NUMBER: 136:117262
TITLE: Increased CCR4 expression in active systemic lupus erythematosus
AUTHOR(S): Hase, Kayoko; Tani, Kenji; Shimizu, Teruki; Ohmoto, Yasukazu; Matsushima, Kouji; Sone, Saburo

CORPORATE SOURCE: Third Department of Internal Medicine, School of Medicine, Tokushima University, Tokushima City, 770-8503, Japan
SOURCE: Journal of Leukocyte Biology (2001), 70(5), 749-755
CODEN: JLBIE7; ISSN: 0741-5400
PUBLISHER: Federation of American Societies for Experimental Biology
DOCUMENT TYPE: Journal
LANGUAGE: English
TI Increased CCR4 expression in active systemic lupus erythematosus
AU Hase, Kayoko; Tani, Kenji; Shimizu, Teruki; Ohmoto, Yasukazu; Matsushima, Kouji; Sone, Saburo
REFERENCE COUNT: 41 THERE ARE 41 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE
FORMAT

L4 ANSWER 17 OF 59 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2001:781079 CAPLUS
DOCUMENT NUMBER: 135:348851
TITLE: Albumin fusion proteins with therapeutic proteins for improved shelf-life
INVENTOR(S): Rosen, Craig A.; Haseltine, William A.
PATENT ASSIGNEE(S): Human Genome Sciences, Inc, USA
SOURCE: PCT Int. Appl., 606 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 7
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001079444	A2	20011025	WO 2001-US12013	20010412
WO 2001079444	A3	20020523		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
AU 2001074809	A5	20011020	AU 2001-74809	20010412

PRIORITY APPLN. INFO.:
US 2000-229358P P 20000412
US 2000-199384P P 20000425
US 2000-256931P P 20001221
WO 2001-US12013 W 20010412
TI Albumin fusion proteins with therapeutic proteins for improved shelf-life
IN Rosen, Craig A.; Haseltine, William A.

L4 ANSWER 18 OF 59 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2001:724619 CAPLUS
DOCUMENT NUMBER: 136:36134
TITLE: Enhancement of stromal cell-derived factor-1.alpha.-induced chemotaxis for CD4/8 double-positive thymocytes by fibronectin and laminin in mice
AUTHOR(S): Yanagawa, Yoshiki; Iwabuchi, Kazuya; Onoe, Kazunori

CORPORATE SOURCE: Division of Immunobiology, Institute for Genetic Medicine, Hokkaido University, Sapporo, 060-0815, Japan
SOURCE: Immunology (2001), 104(1), 43-49
CODEN: IMMUAM; ISSN: 0019-2805
PUBLISHER: Blackwell Science Ltd.
DOCUMENT TYPE: Journal
LANGUAGE: English
TI Enhancement of stromal cell-derived factor-1.alpha.-induced chemotaxis for
CD4/8 double-positive thymocytes by fibronectin and laminin in mice
AU Yanagawa, Yoshiki; Iwabuchi, Kazuya; Onoe, Kazunori
REFERENCE COUNT: 47 THERE ARE 47 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE
FORMAT

L4 ANSWER 19 OF 59 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2001:642919 CAPLUS
DOCUMENT NUMBER: 135:317236
TITLE: Expression and function of chemokine receptors on human thymocytes: implications for infection by human immunodeficiency virus type 1
AUTHOR(S): Taylor, James R., Jr.; Kimbrell, Katherine C.; Scoggins, Robert; Delaney, Marie; Wu, Lijun; Camerini,
David
CORPORATE SOURCE: Department of Microbiology and Myles H. Thaler Center for AIDS and Human Retrovirus Research, University of Virginia, Charlottesville, VA, 22908, USA
SOURCE: Journal of Virology (2001), 75(18), 8752-8760
CODEN: JOVIAM; ISSN: 0022-538X
PUBLISHER: American Society for Microbiology
DOCUMENT TYPE: Journal
LANGUAGE: English
TI Expression and function of chemokine receptors on human thymocytes: implications for infection by human immunodeficiency virus type 1
AU Taylor, James R., Jr.; Kimbrell, Katherine C.; Scoggins, Robert; Delaney, Marie; Wu, Lijun; Camerini, David
REFERENCE COUNT: 39 THERE ARE 39 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE
FORMAT

L4 ANSWER 20 OF 59 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2001:489619 CAPLUS
DOCUMENT NUMBER: 135:71268
TITLE: Use of locked nucleic acid-modified oligonucleotides for treatment of cancer and inflammation
INVENTOR(S): Orum, Henrik; Koch, Troel; Skouv, Jan; Jakobsen, Mogen
Havsteen
PATENT ASSIGNEE(S): Exiqon A/S, Den.
SOURCE: PCT Int. Appl., 50 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001048190	A2	20010705	WO 2000-IB2043	20001222
WO 2001048190	A3	20020510		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE,. ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

US 2002068709	A1	20020606	US 2000-747913	20001222
EP 1240322	A2	20020918	EP 2000-990866	20001222

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR

PRIORITY APPLN. INFO.: US 1999-171873P P 19991223
WO 2000-IB2043 W 20001222

TI Use of locked nucleic acid-modified oligonucleotides for treatment of cancer and inflammation

IN Orum, Henrik; Koch, Troel; Skouv, Jan; Jakobsen, Mogen Havsteen

L4 ANSWER 21 OF 59 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 2001:402803 CAPLUS
DOCUMENT NUMBER: 136:84180
TITLE: Chemokines, chemokine receptors and allergy
AUTHOR(S): Kaplan, Allen P.
CORPORATE SOURCE: Division of Pulmonary Diseases and Central Case Medicine and Allergy and, Medical University of South Carolina, Charleston, SC, USA
SOURCE: International Archives of Allergy and Immunology (2001), 124(4), 423-431
CODEN: IAAIEG; ISSN: 1018-2438
PUBLISHER: S. Karger AG
DOCUMENT TYPE: Journal; General Review
LANGUAGE: English

TI Chemokines, chemokine receptors and allergy

AU Kaplan, Allen P.

REFERENCE COUNT: 57 THERE ARE 57 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE
FORMAT

L4 ANSWER 22 OF 59 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 2001:181821 CAPLUS
DOCUMENT NUMBER: 134:339404
TITLE: The CC Chemokines MDC and TARC Induce Platelet Activation Via CCR4
AUTHOR(S): Abi-Younes, S.; Si-Tahar, M.; Luster, A. D.
CORPORATE SOURCE: Division of Rheumatology, Allergy and Immunology, Center for Immunology and Inflammatory Diseases, Massachusetts General Hospital and Harvard Medical School, Boston, MA, USA
SOURCE: Thrombosis Research (2001), 101(4), 279-289
CODEN: THBRAA; ISSN: 0049-3848
PUBLISHER: Elsevier Science Inc.
DOCUMENT TYPE: Journal
LANGUAGE: English

TI The CC Chemokines MDC and TARC Induce Platelet Activation Via CCR4

AU Abi-Younes, S.; Si-Tahar, M.; Luster, A. D.
REFERENCE COUNT: 55 THERE ARE 55 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE
FORMAT

L4 ANSWER 23 OF 59 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2001:151548 CAPLUS
DOCUMENT NUMBER: 135:271772
TITLE: Differential and sequential expression of multiple chemokines during elicitation of allergic contact hypersensitivity
AUTHOR(S): Goebeler, Matthias; Trautmann, Axel; Voss, Ariane; Brocker, Eva-Bettina; Toksoy, Atiye; Gillitzer, Reinhard
CORPORATE SOURCE: Department of Dermatology, University of Wurzburg Medical School, Wurzburg, 97080, Germany
SOURCE: American Journal of Pathology (2001), 158(2), 431-440
CODEN: AJPAA4; ISSN: 0002-9440
PUBLISHER: American Society for Investigative Pathology
DOCUMENT TYPE: Journal
LANGUAGE: English
TI Differential and sequential expression of multiple chemokines during elicitation of allergic contact hypersensitivity
AU Goebeler, Matthias; Trautmann, Axel; Voss, Ariane; Brocker, Eva-Bettina; Toksoy, Atiye; Gillitzer, Reinhard
REFERENCE COUNT: 34 THERE ARE 34 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE
FORMAT

L4 ANSWER 24 OF 59 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2000:911095 CAPLUS
DOCUMENT NUMBER: 134:70358
TITLE: Chimeric chemokine-antigen polypeptides and uses therefor
INVENTOR(S): Garzino-Demo, Alfredo; Gallo, Robert C.; Lim, Siew Pheng; Tan, Yin Hwee
PATENT ASSIGNEE(S): University of Maryland Biotechnology Institute, USA; Institute of Molecular and Cell Biology
SOURCE: PCT Int. Appl., 127 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000078334	A1	20001228	WO 2000-US16598	20000616

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.: US 1999-335150 A 19990617

TI Chimeric chemokine-antigen polypeptides and uses therefor
IN Garzino-Demo, Alfredo; Gallo, Robert C.; Lim, Siew Pheng; Tan, Yin Hwee
REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE
FORMAT

L4 ANSWER 25 OF 59 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2000:879230 CAPLUS
DOCUMENT NUMBER: 134:146195
TITLE: Functional expression of CCR1, CCR3, CCR4, and CXCR4 chemokine receptors on human platelets
AUTHOR(S): Clemetson, Kenneth J.; Clemetson, Jeannine M.; Proudfoot, Amanda E. I.; Power, Christine A.; Baggiolini, Marco; Wells, Timothy N. C.
CORPORATE SOURCE: Theodor Kocher Institute, University of Berne, Bern, CH-3012, Switz.
SOURCE: Blood (2000), 96(13), 4046-4054
CODEN: BLOOAW; ISSN: 0006-4971
PUBLISHER: American Society of Hematology
DOCUMENT TYPE: Journal
LANGUAGE: English
TI Functional expression of CCR1, CCR3, CCR4, and CXCR4 chemokine receptors on human platelets
AU Clemetson, Kenneth J.; Clemetson, Jeannine M.; Proudfoot, Amanda E. I.; Power, Christine A.; Baggiolini, Marco; Wells, Timothy N. C.
REFERENCE COUNT: 51 THERE ARE 51 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE
FORMAT

L4 ANSWER 26 OF 59 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2000:790144 CAPLUS
DOCUMENT NUMBER: 133:349154
TITLE: CCR4 antagonists for treatment of septic shock
INVENTOR(S): Power, Christina A.; Chivatchko, Yolande
PATENT ASSIGNEE(S): Applied Research Systems ARS Holding N.V., Neth. Antilles
SOURCE: Eur. Pat. Appl., 20 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1050307	A1	20001108	EP 1999-108954	19990506
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
WO 2000067791	A1	20001116	WO 2000-EP4018	20000504
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
EP 1176980	A1	20020206	EP 2000-927140	20000504

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO

PRIORITY APPLN. INFO.: EP 1999-108954 A 19990506
WO 2000-EP4018 W 20000504

TI CCR4 antagonists for treatment of septic shock
IN Power, Christina A.; Chivatchko, Yolande
REFERENCE COUNT: 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE
FORMAT

L4 ANSWER 27 OF 59 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2000:712650 CAPLUS
DOCUMENT NUMBER: 133:277217
TITLE: Serial analysis of gene expression in human monocyte-derived dendritic cells
INVENTOR(S): Hashimoto, Shinichi; Matsushima, Koji; Suzuki, Takuji
PATENT ASSIGNEE(S): Foundation for Scientific Technology Promotion, Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 33 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2000279181	A2	20001010	JP 1999-95481	19990401
CA 2333908	AA	20001012	CA 2000-2333908	20000330
WO 2000060074	A1	20001012	WO 2000-JP2019	20000330
W: CA, CN, KR, SG, US				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
EP 1087012	A1	20010328	EP 2000-912973	20000330
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				

PRIORITY APPLN. INFO.: JP 1999-95481 A 19990401
WO 2000-JP2019 W 20000330

TI Serial analysis of gene expression in human monocyte-derived dendritic cells
IN Hashimoto, Shinichi; Matsushima, Koji; Suzuki, Takuji

L4 ANSWER 28 OF 59 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2000:493576 CAPLUS
DOCUMENT NUMBER: 133:118955
TITLE: **Antibodies** to CC chemokine receptor 4
INVENTOR(S): Wu, Lijun; Ruffing, Nancy; Andrew, David
PATENT ASSIGNEE(S): Millennium Pharmaceuticals, Inc., USA
SOURCE: PCT Int. Appl., 82 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000042074	A1	20000720	WO 2000-US917	20000114
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA,				

MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI,
SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM,
AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE,
DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF,
CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

EP 1144453 A1 20011017 EP 2000-905613 20000114
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, LT, LV, FI, RO

JP 2002539079 T2 20021119 JP 2000-593640 20000114
PRIORITY APPLN. INFO.: US 1999-231759 A2 19990115
WO 2000-US917 W 20000114

TI **Antibodies** to CC chemokine receptor 4
IN Wu, Lijun; Ruffing, Nancy; Andrew, David
REFERENCE COUNT: 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE
FORMAT

L4 ANSWER 29 OF 59 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2000:421887 CAPLUS
DOCUMENT NUMBER: 133:162913
TITLE: CD4+ T cell subsets during virus infection: protective capacity depends on effector cytokine secretion and on migratory capability
AUTHOR(S): Maloy, Kevin J.; Burkhart, Christoph; Junt, Tobias M.; Odermatt, Bernhard; Oxenius, Annette; Piali, Luca; Zinkernagel, Rolf M.; Hengartner, Hans
CORPORATE SOURCE: Department of Pathology, Institute of Experimental Immunology, Zurich, CH-8091, Switz.
SOURCE: Journal of Experimental Medicine (2000), 191(12), 2159-2170
CODEN: JEMEAV; ISSN: 0022-1007
PUBLISHER: Rockefeller University Press
DOCUMENT TYPE: Journal
LANGUAGE: English
TI CD4+ T cell subsets during virus infection: protective capacity depends on effector cytokine secretion and on migratory capability
AU Maloy, Kevin J.; Burkhart, Christoph; Junt, Tobias M.; Odermatt, Bernhard; Oxenius, Annette; Piali, Luca; Zinkernagel, Rolf M.; Hengartner, Hans
REFERENCE COUNT: 72 THERE ARE 72 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE
FORMAT

L4 ANSWER 30 OF 59 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2000:251557 CAPLUS
DOCUMENT NUMBER: 133:236442
TITLE: The role of lymphocytes in allergic disease
AUTHOR(S): Romagnani, Sergio
CORPORATE SOURCE: Section of Clinical Immunology, Allergy and Respiratory Disorders, Department of Internal Medicine, University of Florence, Florence, 50134, Italy
SOURCE: Journal of Allergy and Clinical Immunology (2000), 105(3), 399-408

CODEN: JACIBY; ISSN: 0091-6749
PUBLISHER: Mosby, Inc.
DOCUMENT TYPE: Journal; General Review
LANGUAGE: English
TI The role of lymphocytes in allergic disease
AU Romagnani, Sergio
REFERENCE COUNT: 115 THERE ARE 115 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 31 OF 59 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2000:68155 CAPLUS
DOCUMENT NUMBER: 132:106969
TITLE: Chemokines as adjuvants of immune response
INVENTOR(S): Caux, Christophe; Vanbervliet, Beatrice; Lebecque, Serge; Vicari, Alain; Dieu, Marie-Caroline
PATENT ASSIGNEE(S): Schering-Plough, Fr.
SOURCE: Eur. Pat. Appl., 16 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 974357	A1	20000126	EP 1998-401799	19980716
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
WO 2000003728	A1	20000127	WO 1999-US14148	19990715
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GD, GE, HR, HU, ID, IL, IN, IS, JP, KG, KR, KZ, LC, LK, LR, LT, LU, LV, MD, MG, MK, MN, MX, NO, NZ, PL, PT, RO, RU, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, US, UZ, VN, YU, ZA, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
AU 9949591	A1	20000207	AU 1999-49591	19990715
US 2002034494	A1	20020321	US 2001-768917	20010124
WO 2002058723	A2	20020801	WO 2002-US1849	20020122
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, HR, HU, ID, IL, IN, IS, JP, KG, KR, KZ, LC, LK, LR, LT, LU, LV, MA, MD, MG, MK, MN, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UZ, VN, YU, ZA, ZM, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				

PRIORITY APPLN. INFO.:
EP 1998-401799 A 19980716
WO 1999-US14148 W 19990715
US 2001-768917 A 20010124

TI Chemokines as adjuvants of immune response
IN Caux, Christophe; Vanbervliet, Beatrice; Lebecque, Serge; Vicari, Alain; Dieu, Marie-Caroline
REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 32 OF 59 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 1999:811259 CAPLUS
DOCUMENT NUMBER: 132:63143
TITLE: Preparation and use of superior vaccines
INVENTOR(S): Roberts, Bruce L.; Shankara, Srinivas
PATENT ASSIGNEE(S): Genzyme Corporation, USA
SOURCE: PCT Int. Appl., 130 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9965924	A2	19991223	WO 1999-US13800	19990618
WO 9965924	A3	20000413		
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
WO 9966303	A2	19991223	WO 1999-US13820	19990617
WO 9966303	A3	20000323		
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
CA 2335452	AA	19991223	CA 1999-2335452	19990618
WO 9965928	A2	19991223	WO 1999-US13647	19990618
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
AU 9948241	A1	20000105	AU 1999-48241	19990618
EP 1086215	A2	20010328	EP 1999-937160	19990618
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
JP 2002534056	T2	20021015	JP 2000-554749	19990618
US 2002151515	A1	20021017	US 2001-33145	20011105

PRIORITY APPLN. INFO.:		
US 1998-89844P	P	19980619
US 1998-89853P	P	19980619
US 1998-89878P	P	19980619
US 1998-89991P	P	19980619
US 1998-89992P	P	19980619
US 1998-89993P	P	19980619
US 1998-89997P	P	19980619

US 1998-89999P	P	19980619
US 1998-90000P	P	19980619
US 1998-90035P	P	19980619
US 1998-90036P	P	19980619
US 1998-90039P	P	19980619
US 1998-90040P	P	19980619
US 1998-90041P	P	19980619
US 1998-90042P	P	19980619
US 1998-90043P	P	19980619
US 1998-90044P	P	19980619
US 1998-90048P	P	19980619
US 1998-90072P	P	19980619
US 1998-90079P	P	19980619
US 1998-89833P	P	19980619
US 1998-89994P	P	19980619
US 1998-90045P	P	19980619
US 1998-90047P	P	19980619
US 1998-90076P	P	19980619
US 1998-90077P	P	19980619
US 1998-90078P	P	19980619
US 1998-90080P	P	19980619
US 1998-111715P	P	19981208
WO 1999-US13647	W	19990618
WO 1999-US13800	W	19990618

TI Preparation and use of superior vaccines
IN Roberts, Bruce L.; Shankara, Srinivas

L4 ANSWER 33 OF 59 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 1999:595395 CAPLUS
DOCUMENT NUMBER: 131:237964
TITLE: Methods and compositions of chemokine-tumor antigen fusion proteins as cancer vaccines
INVENTOR(S): Kwak, Larry W.; Biragyn, Arya
PATENT ASSIGNEE(S): United States Dept. of Health and Human Services, USA
SOURCE: PCT Int. Appl., 142 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9946392	A1	19990916	WO 1999-US5345	19990312
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
AU 9929039	A1	19990927	AU 1999-29039	19990312

PRIORITY APPLN. INFO.:	US 1998-77745P	P	19980312
	WO 1999-US5345	W	19990312

TI Methods and compositions of chemokine-tumor antigen fusion proteins as cancer vaccines
IN Kwak, Larry W.; Biragyn, Arya
REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS

RECORD. ALL CITATIONS AVAILABLE IN THE RE
FORMAT

L4 ANSWER 34 OF 59 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 1999:538432 CAPLUS
DOCUMENT NUMBER: 131:298474
TITLE: Differential Utilization of Cyclic ADP-Ribose Pathway by Chemokines to Induce the Mobilization of Intracellular Calcium in NK Cells
AUTHOR(S): Inngjerdingen, Marit; Al-Aoukaty, Ala; Damaj, Bassam; Maghazachi, Azzam A.
CORPORATE SOURCE: Department of Anatomy, Institute of Basic Medical Sciences, University of Oslo, Oslo, N-0317, Norway
SOURCE: Biochemical and Biophysical Research Communications (1999), 262(2), 467-472
CODEN: BBRCA9; ISSN: 0006-291X
PUBLISHER: Academic Press
DOCUMENT TYPE: Journal
LANGUAGE: English
TI Differential Utilization of Cyclic ADP-Ribose Pathway by Chemokines to Induce the Mobilization of Intracellular Calcium in NK Cells
AU Inngjerdingen, Marit; Al-Aoukaty, Ala; Damaj, Bassam; Maghazachi, Azzam A.
REFERENCE COUNT: 23 THERE ARE 23 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE
FORMAT

L4 ANSWER 35 OF 59 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 1999:487126 CAPLUS
DOCUMENT NUMBER: 131:129056
TITLE: A C-C chemokine of human macrophage and a cDNA encoding it and their uses
INVENTOR(S): Godiska, Ronald; Gray, Patrick W.
PATENT ASSIGNEE(S): ICOS Corp., USA
SOURCE: U.S., 43 pp.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 3
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5932703	A	19990803	US 1996-660542	19960607
CA 2196691	AA	19961219	CA 1996-2196691	19960607
CN 1163635	A	19971029	CN 1996-190875	19960607
WO 9915666	A2	19990401	WO 1998-US20270	19980928
WO 9915666	A3	19990916		

W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, US, US, US, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

TY APPLN. INFO.: US 1995-479620 A2 19950607
US 1995-558658 A2 19951116

US 1996-660542 A2 19960607
US 1997-939107 A2 19970926
US 1998-67447 A2 19980428

TI A C-C chemokine of human macrophage and a cDNA encoding it and their uses
IN Godiska, Ronald; Gray, Patrick W.
REFERENCE COUNT: 26 THERE ARE 26 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE
FORMAT

L4 ANSWER 36 OF 59 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 1999:376777 CAPLUS
DOCUMENT NUMBER: 131:128890
TITLE: Switch in chemokine receptor expression upon TCR stimulation reveals novel homing potential for recently activated T cells
AUTHOR(S): Sallusto, Federica; Kremmer, Elisabeth; Palermo, Belinda; Hoy, Andre; Ponath, Paul; Qin, Shixin; Forster, Reinhold; Lipp, Martin; Lanzavecchia, Antonio
CORPORATE SOURCE: Basel Institute Immunology, Basel, CH-4005, Switz.
SOURCE: European Journal of Immunology (1999), 29(6), 2037-2045
CODEN: EJIMAF; ISSN: 0014-2980
PUBLISHER: Wiley-VCH Verlag GmbH
DOCUMENT TYPE: Journal
LANGUAGE: English
TI Switch in chemokine receptor expression upon TCR stimulation reveals novel
homing potential for recently activated T cells
AU Sallusto, Federica; Kremmer, Elisabeth; Palermo, Belinda; Hoy, Andre; Ponath, Paul; Qin, Shixin; Forster, Reinhold; Lipp, Martin; Lanzavecchia, Antonio
REFERENCE COUNT: 35 THERE ARE 35 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE
FORMAT

L4 ANSWER 37 OF 59 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 1999:223049 CAPLUS
DOCUMENT NUMBER: 130:251233
TITLE: **Macrophage-derived chemokine** (MDC), MDC analogs, MDC inhibitor substances,and their therapeutic applications
INVENTOR(S): Gray, Patrick W.; Chantry, David H.; Deeley, Michael C.; Raport, Carol J.; Godiska, Ronald
PATENT ASSIGNEE(S): Icos Corporation, USA
SOURCE: PCT Int. Appl., 159 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 3
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9915666	A2	19990401	WO 1998-US20270	19980928
WO 9915666	A3	19990916		

W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE,

KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW,
MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR,
TT, UA, UG, US, US, US, US, US, UZ, VN, YU, ZW, AM, AZ, BY, KG,
KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES,
FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI,
CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

CN 1163635	A	19971029	CN 1996-190875		19960607
US 5932703	A	19990803	US 1996-660542		19960607
CA 2302806	AA	19990401	CA 1998-2302806		19980928
AU 9897778	A1	19990412	AU 1998-97778		19980928
EP 1017818	A2	20000712	EP 1998-951961		19980928

R: AT, BE, CH, DE, ES, FR, GB, IT, LI, SE, IE

PRIORITY APPLN. INFO.:	US 1995-479620	A2	19950607
	US 1995-558658	A2	19951116
	US 1996-660542	A2	19960607
	US 1997-939107	A2	19970926
	US 1998-67447	A2	19980428
	WO 1998-US20270	W	19980928

TI **Macrophage-derived chemokine** (MDC), MDC analogs, MDC inhibitor substances,and their therapeutic applications

IN Gray, Patrick W.; Chantry, David H.; Deeley, Michael C.; Raport, Carol J.; Godiska, Ronald

L4 ANSWER 38 OF 59 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER:	1999:214274 CAPLUS
DOCUMENT NUMBER:	131:57588
TITLE:	**Macrophage-derived chemokine** induces human eosinophil chemotaxis in a CC chemokine receptor 3- and CC chemokine receptor 4-independent manner
AUTHOR(S):	Bochner, Bruce S.; Bickel, Carol A.; Taylor, Marcia L.; MacGlashan, Donald W., Jr.; Gray, Patrick W.; Raport, Carol J.; Godiska, Ronald
CORPORATE SOURCE:	Division of Clinical Immunology, Department of Medicine, Johns Hopkins Asthma and Allergy Center, The Johns Hopkins University School of Medicine, Baltimore, MD, 21224, USA
SOURCE:	Journal of Allergy and Clinical Immunology (1999), 103(3, Pt. 1), 527-532 CODEN: JACIBY; ISSN: 0091-6749
PUBLISHER:	Mosby, Inc.
DOCUMENT TYPE:	Journal
LANGUAGE:	English

TI **Macrophage-derived chemokine** induces human eosinophil chemotaxis in a CC chemokine receptor 3- and CC chemokine receptor 4-independent manner

AU Bochner, Bruce S.; Bickel, Carol A.; Taylor, Marcia L.; MacGlashan, Donald W., Jr.; Gray, Patrick W.; Raport, Carol J.; Godiska, Ronald

REFERENCE COUNT: 33 THERE ARE 33 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 39 OF 59 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER:	1998:398418 CAPLUS
DOCUMENT NUMBER:	129:53370

TITLE: Human chemokine .beta.-13, recombinant production, **antibody** and nucleic acid probes, and gene therapy
INVENTOR(S): Li, Haodong; Seibel, George
PATENT ASSIGNEE(S): Human Genome Sciences, Inc., USA; Li, Haodong; Seibel, George
SOURCE: PCT Int. Appl., 86 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9824908	A1	19980611	WO 1997-US23144	19971205
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
AU 9853834	A1	19980629	AU 1998-53834	19971205
EP 958366	A1	19991124	EP 1997-950969	19971205
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
JP 2001506492	T2	20010522	JP 1998-525919	19971205
US 2002055147	A1	20020509	US 2001-908599	20010720
US 2002098545	A1	20020725	US 2001-908600	20010720

PRIORITY APPLN. INFO.:

US 1996-32432P	P	19961205
US 1995-464594	A2	19950605
US 1997-986188	B2	19971205
WO 1997-US23144	W	19971205
US 1999-432768	B1	19991103
US 2000-484221	B1	20000118

TI Human chemokine .beta.-13, recombinant production, **antibody** and nucleic acid probes, and gene therapy
IN Li, Haodong; Seibel, George
REFERENCE COUNT: 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE
FORMAT

L4 ANSWER 40 OF 59 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 1997:752774 CAPLUS
DOCUMENT NUMBER: 128:21878
TITLE: **Macrophage-derived chemokine**
INVENTOR(S): Godiska, Ronald; Gray, Patrick W.
PATENT ASSIGNEE(S): ICOS Corp., USA
SOURCE: U.S., 22 pp.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE

US 5688927	A	19971118	US 1995-480449	19950607

TI **Macrophage-derived chemokine**
IN Godiska, Ronald; Gray, Patrick W.

L4 ANSWER 41 OF 59 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 1997:130062 CAPLUS
DOCUMENT NUMBER: 126:130601
TITLE: **Macrophage-derived chemokine** and chemokine analogs
INVENTOR(S): Godiska, Ronald; Gray, Patrick W.
PATENT ASSIGNEE(S): Icos Corporation, USA
SOURCE: PCT Int. Appl., 104 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 3
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9640923	A1	19961219	WO 1996-US10114	19960607
W: AU, BR, CA, CN, CZ, FI, HU, IL, JP, MX, NO, PL, RU, SK				
RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
CA 2196691	AA	19961219	CA 1996-2196691	19960607
AU 9661724	A1	19961230	AU 1996-61724	19960607
AU 708743	B2	19990812		
EP 778892	A1	19970618	EP 1996-919371	19960607
R: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
BR 9606437	A	19970930	BR 1996-6437	19960607
CN 1163635	A	19971029	CN 1996-190875	19960607
JP 10507646	T2	19980728	JP 1996-502209	19960607
FI 9700502	A	19970404	FI 1997-502	19970206
NO 9700545	A	19970407	NO 1997-545	19970206

PRIORITY APPLN. INFO.:	US 1995-479620	A	19950607
	US 1995-558658	A	19951116
	WO 1996-US10114	W	19960607

TI **Macrophage-derived chemokine** and chemokine analogs
IN Godiska, Ronald; Gray, Patrick W.

L4 ANSWER 42 OF 59 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
ACCESSION NUMBER: 2002:550625 BIOSIS
DOCUMENT NUMBER: PREV200200550625
TITLE: Expression of T lymphocyte chemoattractants and activation markers in vernal keratoconjunctivitis.
AUTHOR(S): El-Asrar, A. M. Abu (1); Struyf, S.; Al-Kharashi, S. A.; Missotten, L.; Van Domme, J.; Geboes, K.
CORPORATE SOURCE: (1) Department of Ophthalmology, King Abdulaziz University Hospital, Airport Road, PO Box 245, Riyadh, 11411: abuasrar@KSU.edu.sa Saudi Arabia
SOURCE: British Journal of Ophthalmology, (October, 2002) Vol. 86, No. 10, pp. 1175-1180. http://bjo.bmjjournals.com/. print.
ISSN: 0007-1161.
DOCUMENT TYPE: Article
LANGUAGE: English
TI Expression of T lymphocyte chemoattractants and activation markers in

vernal keratoconjunctivitis.
AU El-Asrar, A. M. Abu (1); Struyf, S.; Al-Kharashi, S. A.; Missotten, L.; Van Domme, J.; Geboes, K.

L4 ANSWER 43 OF 59 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
ACCESSION NUMBER: 2002:530584 BIOSIS
DOCUMENT NUMBER: PREV200200530584
TITLE: Exacerbation of autoimmune-like pancreatitis in MAIDS mice by a monoclonal **antibody** against macrophage-dereived chemokine (MDC.
AUTHOR(S): Suzuki, Kenji (1); Watanabe, Shiro (1); Suriki, Hidehisa (1); Yoneyama, Hiroyuki (1); Sasaki, Shunya (1); Kawauchi, Yusuke (1); Kawachi, Hiroshi (1); Shimizu, Fujio (1); Asakura, Hitoshi (1)
CORPORATE SOURCE: (1) Niigata Japan
SOURCE: Gastroenterology, (April, 2002) Vol. 122, No. 4 Suppl. 1, pp. A-414. http://www.gastrojournal.org/. print.
Meeting Info.: Digestive Disease Week and the 103rd Annual Meeting of the American Gastroenterological Association San
Francisco, CA, USA May 19-22, 2002
ISSN: 0016-5085.
DOCUMENT TYPE: Conference
LANGUAGE: English
TI Exacerbation of autoimmune-like pancreatitis in MAIDS mice by a monoclonal
antibody against macrophage-dereived chemokine (MDC.
AU Suzuki, Kenji (1); Watanabe, Shiro (1); Suriki, Hidehisa (1); Yoneyama, Hiroyuki (1); Sasaki, Shunya (1); Kawauchi, Yusuke (1); Kawachi, Hiroshi (1); Shimizu, Fujio (1); Asakura, Hitoshi (1)

L4 ANSWER 44 OF 59 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
ACCESSION NUMBER: 2002:530470 BIOSIS
DOCUMENT NUMBER: PREV200200530470
TITLE: Prevention of chronic experimental colitis by a monoclonal **antibody** against Interferon inducible Protein 10.
AUTHOR(S): Kawauchi, Yusuke (1); Suzuki, Kenji; Suriki, Hidehisa; Yoneyama, Hiroyuki; Baba, Yasuyuki; Sasaki, Shunya; Aiba, Tuneo; Watanabe, Shiro; Kawachi, Hiroshi; Shimizu, Fujio; Asakura, Hitoshi
CORPORATE SOURCE: (1) Niigata Japan
SOURCE: Gastroenterology, (April, 2002) Vol. 122, No. 4 Suppl. 1, pp. A-393. http://www.gastrojournal.org/. print.
Meeting Info.: Digestive Disease Week and the 103rd Annual Meeting of the American Gastroenterological Association San
Francisco, CA, USA May 19-22, 2002
ISSN: 0016-5085.
DOCUMENT TYPE: Conference
LANGUAGE: English
TI Prevention of chronic experimental colitis by a monoclonal
antibody against Interferon inducible Protein 10.
AU Kawauchi, Yusuke (1); Suzuki, Kenji; Suriki, Hidehisa; Yoneyama, Hiroyuki;
Baba, Yasuyuki; Sasaki, Shunya; Aiba, Tuneo; Watanabe, Shiro; Kawachi, Hiroshi; Shimizu, Fujio; Asakura, Hitoshi

L4 ANSWER 45 OF 59 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
ACCESSION NUMBER: 2002:454068 BIOSIS
DOCUMENT NUMBER: PREV200200454068

TITLE: DNA vaccines encoding human immunodeficiency virus-1 glycoprotein 120 fusions with proinflammatory chemoattractants induce systemic and mucosal immune responses.
AUTHOR(S): Biragyn, Arya (1); Belyakov, Igor M.; Chow, Yen-Hung; Dimitrov, Dimiter S.; Berzofsky, Jay A.; Kwak, Larry W.
CORPORATE SOURCE: (1) National Cancer Institute, Building 567, Room 207, Frederick, MD, 21702: arya@mail.ncifcrf.gov USA
SOURCE: Blood, (August 15, 2002) Vol. 100, No. 4, pp. 1153-1159. http://www.bloodjournal.org/. print.
ISSN: 0006-4971.
DOCUMENT TYPE: Article
LANGUAGE: English
TI DNA vaccines encoding human immunodeficiency virus-1 glycoprotein 120 fusions with proinflammatory chemoattractants induce systemic and mucosal immune responses.
AU Biragyn, Arya (1); Belyakov, Igor M.; Chow, Yen-Hung; Dimitrov, Dimiter S.; Berzofsky, Jay A.; Kwak, Larry W.

L4 ANSWER 46 OF 59 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
ACCESSION NUMBER: 2002:329299 BIOSIS
DOCUMENT NUMBER: PREV200200329299
TITLE: CD26 is expressed on a restricted subpopulation of dendritic cells in vivo.
AUTHOR(S): Gliddon, Daniel R. (1); Howard, Chris J.
CORPORATE SOURCE: (1) Institute for Animal Health, Compton, Newbury, Berks, RG20 7NN: daniel.gliddon@bbsrc.ac.uk UK
SOURCE: European Journal of Immunology, (May, 2002) Vol. 32, No. 5,
pp. 1472-1481. http://www.wiley-vch.de/publish/en/journals/alphabeticIndex/2040/?sID=87ce709e9d93384f19ebcbf2d13f6116. print.
ISSN: 0014-2980.
DOCUMENT TYPE: Article
LANGUAGE: English
TI CD26 is expressed on a restricted subpopulation of dendritic cells in vivo.
AU Gliddon, Daniel R. (1); Howard, Chris J.

L4 ANSWER 47 OF 59 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
ACCESSION NUMBER: 2002:251181 BIOSIS
DOCUMENT NUMBER: PREV200200251181
TITLE: Multiplexed protein profiling on microarrays by rolling-circle amplification.
AUTHOR(S): Schweitzer, Barry; Roberts, Scott; Grimwade, Brian; Shao, Weiping; Wang, Minjuan; Fu, Qin; Shu, Quiping; Laroche, Isabelle; Zhou, Zhimin; Tchernev, Velizar T.; Christiansen, Jason; Velleca, Mark; Kingsmore, Stephen F. (1)
CORPORATE SOURCE: (1) Molecular Staging, Inc., 300 George Street, Suite 701, New Haven, CT, 06511: stephenk@molecularstaging.com USA
SOURCE: Nature Biotechnology, (April, 2002) Vol. 20, No. 4, pp. 359-365. http://www.nature.com/nbt/. print.
ISSN: 1087-0156.
DOCUMENT TYPE: Article
LANGUAGE: English
TI Multiplexed protein profiling on microarrays by rolling-circle amplification.
AU Schweitzer, Barry; Roberts, Scott; Grimwade, Brian; Shao, Weiping; Wang,

Minjuan; Fu, Qin; Shu, Quiping; Laroche, Isabelle; Zhou, Zhimin; Tchernev,
Velizar T.; Christiansen, Jason; Velleca, Mark; Kingsmore, Stephen F. (1)

L4 ANSWER 48 OF 59 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
ACCESSION NUMBER: 2002:217603 BIOSIS
DOCUMENT NUMBER: PREV200200217603
TITLE: The identification, characterization, and distribution of guinea pig CCR4 and epitope mapping of a blocking **antibody**.
AUTHOR(S): Jopling, Louise A.; Sabroe, Ian; Andrew, David P.; Mitchell, Tracey J.; Li, You; Hodge, Martin R.; Williams, Timothy J.; Pease, James E. (1)
CORPORATE SOURCE: (1) Leukocyte Biology Section, Biomedical Sciences Division, Imperial College of Science, Technology and Medicine, Exhibition Rd., Sir Alexander Fleming Bldg., Faculty of Medicine, London, SW7 2AZ: j.pease@ic.ac.uk UK
SOURCE: Journal of Biological Chemistry, (March 1, 2002) Vol. 277, No. 9, pp. 6864-6873. http://www.jbc.org/. print. ISSN: 0021-9258.
DOCUMENT TYPE: Article
LANGUAGE: English
TI The identification, characterization, and distribution of guinea pig CCR4 and epitope mapping of a blocking **antibody**.
AU Jopling, Louise A.; Sabroe, Ian; Andrew, David P.; Mitchell, Tracey J.; Li, You; Hodge, Martin R.; Williams, Timothy J.; Pease, James E. (1)

L4 ANSWER 49 OF 59 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
ACCESSION NUMBER: 2001:493372 BIOSIS
DOCUMENT NUMBER: PREV200100493372
TITLE: Antigen-pulsed dendritic cells expressing **macrophage-derived chemokine** elicit Th2 responses and promote specific humoral immunity.
AUTHOR(S): Kikuchi, Toshiaki; Crystal, Ronald G. (1)
CORPORATE SOURCE: (1) Institute of Genetic Medicine, Weill Medical College of Cornell University, 520 East 70th Street, ST 505, New York, NY, 10021: geneticmedicine@med.cornell.edu USA
SOURCE: Journal of Clinical Investigation, (September, 2001) Vol. 108, No. 6, pp. 917-927. print. ISSN: 0021-9738.
DOCUMENT TYPE: Article
LANGUAGE: English
SUMMARY LANGUAGE: English
TI Antigen-pulsed dendritic cells expressing **macrophage-derived chemokine** elicit Th2 responses and promote specific humoral immunity.
AU Kikuchi, Toshiaki; Crystal, Ronald G. (1)

L4 ANSWER 50 OF 59 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
ACCESSION NUMBER: 2001:493349 BIOSIS
DOCUMENT NUMBER: PREV200100493349
TITLE: Enhancement of stromal cell-derived factor-1alpha-induced chemotaxis for CD4/8 double-positive thymocytes by fibronectin and laminin in mice.
AUTHOR(S): Yanagawa, Yoshiki; Iwabuchi, Kazuya; Onoe, Kazunori (1)
CORPORATE SOURCE: (1) Division of Immunobiology, Institute for Genetic Medicine, Hokkaido University, Kita-15, Nishi-7, Kita-ku,

Sapporo, 060-0815: kazunori@imm.hokudai.ac.jp Japan
SOURCE: Immunology, (September, 2001) Vol. 104, No. 1, pp. 43-49. print.
ISSN: 0019-2805.
DOCUMENT TYPE: Article
LANGUAGE: English
SUMMARY LANGUAGE: English
TI Enhancement of stromal cell-derived factor-1alpha-induced chemotaxis for CD4/8 double-positive thymocytes by fibronectin and laminin in mice.
AU Yanagawa, Yoshiki; Iwabuchi, Kazuya; Onoe, Kazunori (1)

L4 ANSWER 51 OF 59 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
ACCESSION NUMBER: 2001:266047 BIOSIS
DOCUMENT NUMBER: PREV200100266047
TITLE: Chemokines, chemokine receptors and allergy.
AUTHOR(S): Kaplan, Allen P. (1)
CORPORATE SOURCE: (1) Department of Medicine Division of Pulmonary, Allergy and Critical Care, Medical University of South Carolina, 171 Ashley Avenue, Charleston, SC, 29425-2220: kaplana@musc.edu USA
SOURCE: International Archives of Allergy and Immunology, (April, 2001) Vol. 124, No. 4, pp. 423-431. print.
ISSN: 1018-2438.
DOCUMENT TYPE: General Review
LANGUAGE: English
SUMMARY LANGUAGE: English
TI Chemokines, chemokine receptors and allergy.
AU Kaplan, Allen P. (1)

L4 ANSWER 52 OF 59 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
ACCESSION NUMBER: 2001:185996 BIOSIS
DOCUMENT NUMBER: PREV200100185996
TITLE: The CC chemokines MDC and TARC induce platelet activation via CCR4.
AUTHOR(S): Abi-Younes, Sylvie; Si-Tahar, Mustapha; Luster, Andrew D. (1)
CORPORATE SOURCE: (1) Massachusetts General Hospital-East, 13th Street, Building 149, Charlestown, MA, 02129: luster@helix.mgh.harvard.edu USA
SOURCE: Thrombosis Research, (February 15, 2001) Vol. 101, No. 4, pp. 279-289. print.
ISSN: 0049-3848.
DOCUMENT TYPE: Article
LANGUAGE: English
SUMMARY LANGUAGE: English
TI The CC chemokines MDC and TARC induce platelet activation via CCR4.
AU Abi-Younes, Sylvie; Si-Tahar, Mustapha; Luster, Andrew D. (1)

L4 ANSWER 53 OF 59 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
ACCESSION NUMBER: 2001:115423 BIOSIS
DOCUMENT NUMBER: PREV200100115423
TITLE: Adenosine diphosphate strongly potentiates the ability of the chemokines MDC, TARC, and SDF-1 to stimulate platelet function.
AUTHOR(S): Gear, Adrian R. L. (1); Suttitanamongkol, Sudawadee; Viisoreanu, Delia; Polanowska-Grabowska, Renata K.; Raha, Sanghamitra; Camerini, David
CORPORATE SOURCE: (1) Department of Biochemistry and Molecular Genetics, University of Virginia Health Sciences Center, 1300 Jefferson Park Ave, Charlottesville, VA, 22908:

alg4p@virginia.edu USA
SOURCE: Blood, (February 15, 2001) Vol. 97, No. 4, pp. 937-945. print.
ISSN: 0006-4971.
DOCUMENT TYPE: Article
LANGUAGE: English
SUMMARY LANGUAGE: English
TI Adenosine diphosphate strongly potentiates the ability of the chemokines MDC, TARC, and SDF-1 to stimulate platelet function.
AU Gear, Adrian R. L. (1); Suttitanamongkol, Sudawadee; Viisoreanu, Delia; Polanowska-Grabowska, Renata K.; Raha, Sanghamitra; Camerini, David

L4 ANSWER 54 OF 59 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
ACCESSION NUMBER: 2001:58554 BIOSIS
DOCUMENT NUMBER: PREV200100058554
TITLE: Functional expression of CCR1, CCR3, CCR4, and CXCR4 chemokine receptors on human platelets.
AUTHOR(S): Clemetson, Kenneth J. (1); Clemetson, Jeannine M.; Proudfoot, Amanda E. I.; Power, Christine A.; Baggiolini, Marco; Wells, Timothy N. C.
CORPORATE SOURCE: (1) Theodor Kocher Institute, University of Berne, Freiestrasse 1, CH-3012, Berne: clemetson@tki.unibe.ch Switzerland
SOURCE: Blood, (December 15, 2000) Vol. 96, No. 13, pp. 4046-4054. print.
ISSN: 0006-4971.
DOCUMENT TYPE: Article
LANGUAGE: English
SUMMARY LANGUAGE: English
TI Functional expression of CCR1, CCR3, CCR4, and CXCR4 chemokine receptors on human platelets.
AU Clemetson, Kenneth J. (1); Clemetson, Jeannine M.; Proudfoot, Amanda E. I.; Power, Christine A.; Baggiolini, Marco; Wells, Timothy N. C.

L4 ANSWER 55 OF 59 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
ACCESSION NUMBER: 2001:42973 BIOSIS
DOCUMENT NUMBER: PREV200100042973
TITLE: Mitomycin-C and vernal conjunctivitis: Author's reply.
AUTHOR(S): Akpek, Esen K. (1); Kalayci, Defne
CORPORATE SOURCE: (1) Baltimore, MD USA
SOURCE: Ophthalmology, (December, 2000) Vol. 107, No. 12, pp. 2126-2127. print.
ISSN: 0161-6420.
DOCUMENT TYPE: Letter
LANGUAGE: English
SUMMARY LANGUAGE: English
TI Mitomycin-C and vernal conjunctivitis: Author's reply.
AU Akpek, Esen K. (1); Kalayci, Defne

L4 ANSWER 56 OF 59 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
ACCESSION NUMBER: 2000:242075 BIOSIS
DOCUMENT NUMBER: PREV200000242075
TITLE: The role of lymphocytes in allergic disease.
AUTHOR(S): Romagnani, Sergio (1)
CORPORATE SOURCE: (1) Department of Internal Medicine, Section of Clinical Immunology, Allergy, and Respiratory Disorders, University of Florence, Viale Morgagni 85, Florence, 50134 Italy
SOURCE: Journal of Allergy and Clinical Immunology, (March, 2000) Vol. 105, No. 3, pp. 399-408.
ISSN: 0091-6749.

DOCUMENT TYPE: Article
LANGUAGE: English
SUMMARY LANGUAGE: English
TI The role of lymphocytes in allergic disease.
AU Romagnani, Sergio (1)

L4 ANSWER 57 OF 59 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
ACCESSION NUMBER: 1999:430861 BIOSIS
DOCUMENT NUMBER: PREV199900430861
TITLE: Differential utilization of cyclic ADP-ribose pathway by chemokines to induce the mobilization of intracellular calcium in NK cells.
AUTHOR(S): Inngjerdingen, Marit; Al-Aoukaty, Ala; Damaj, Bassam; Maghazachi, Azzam A. (1)
CORPORATE SOURCE: (1) Department of Anatomy, Institute of Basic Medical Sciences, University of Oslo, Blindern, N-0317, Oslo Norway
SOURCE: Biochemical and Biophysical Research Communications, (Aug. 27, 1999) Vol. 262, No. 2, pp. 467-472.
ISSN: 0006-291X.
DOCUMENT TYPE: Article
LANGUAGE: English
SUMMARY LANGUAGE: English
TI Differential utilization of cyclic ADP-ribose pathway by chemokines to induce the mobilization of intracellular calcium in NK cells.
AU Inngjerdingen, Marit; Al-Aoukaty, Ala; Damaj, Bassam; Maghazachi, Azzam A.
(1)

L4 ANSWER 58 OF 59 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
ACCESSION NUMBER: 1999:311711 BIOSIS
DOCUMENT NUMBER: PREV199900311711
TITLE: Switch in chemokine receptor expression upon TCR stimulation reveals novel homing potential for recently activated T cells.
AUTHOR(S): Sallusto, Federica (1); Kremmer, Elisabeth; Palermo, Belinda; Hoy, Andre; Ponath, Paul; Qin, Shixin; Foerster, Reinhold; Lipp, Martin; Lanzavecchia, Antonio
CORPORATE SOURCE: (1) Basel Institute for Immunology, Grenzacherstrasse 487, CH-4005, Basel Switzerland
SOURCE: European Journal of Immunology, (June, 1999) Vol. 29, No. 6, pp. 2037-2045.
ISSN: 0014-2980.
DOCUMENT TYPE: Article
LANGUAGE: English
SUMMARY LANGUAGE: English
TI Switch in chemokine receptor expression upon TCR stimulation reveals novel
homing potential for recently activated T cells.
AU Sallusto, Federica (1); Kremmer, Elisabeth; Palermo, Belinda; Hoy, Andre; Ponath, Paul; Qin, Shixin; Foerster, Reinhold; Lipp, Martin; Lanzavecchia,
Antonio

L4 ANSWER 59 OF 59 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
ACCESSION NUMBER: 1999:204727 BIOSIS
DOCUMENT NUMBER: PREV199900204727
TITLE: **Macrophage-derived chemokine** induces human eosinophil chemotaxis in a CC chemokine receptor 3- and CC chemokine receptor 4-independent manner.

AUTHOR(S): Bochner, Bruce S. (1); Bickel, Carol A.; Taylor, Marcia L.;
MacGlashan, Donald W., Jr. ; Gray, Patrick W.; Raport, Carol J.; Godiska, Ronald
CORPORATE SOURCE: (1) John Hopkins Asthma and Allergy Center, 5501 Hopkins Bayview Circle, Baltimore, MD, 21224 USA
SOURCE: Journal of Allergy and Clinical Immunology, (March, 1999) Vol. 103, No. 3 PART 1, pp. 527-532.
ISSN: 0091-6749.
DOCUMENT TYPE: Article
LANGUAGE: English
SUMMARY LANGUAGE: English
TI **Macrophage-derived chemokine** induces human eosinophil chemotaxis in a CC chemokine receptor 3- and CC chemokine receptor 4-independent manner.
AU Bochner, Bruce S. (1); Bickel, Carol A.; Taylor, Marcia L.; MacGlashan, Donald W., Jr. ; Gray, Patrick W.; Raport, Carol J.; Godiska, Ronald

=> D L13, IBIB TI AU 1-62

L13 ANSWER 1 OF 62 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2002:832576 CAPLUS
TITLE: **Treatment** of respiratory and lung diseases with antisense oligonucleotides and a bronchodilating agent
INVENTOR(S): Nyce, Jonathan W.; Li, Yukui; Sandrasagra, Anthony; Katz, Evan; Pabalan, Jonathan; Aguilar, Douglas; Miller, Shoreh; Tang, Lei; Shahabuddin, Syed
PATENT ASSIGNEE(S): Epigenesis Pharmaceuticals, Inc., USA
SOURCE: PCT Int. Appl., 764 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002085309	A2	20021031	WO 2002-US13143	20020423

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.: US 2001-286036P P 20010424
TI **Treatment** of respiratory and lung diseases with antisense oligonucleotides and a bronchodilating agent
IN Nyce, Jonathan W.; Li, Yukui; Sandrasagra, Anthony; Katz, Evan; Pabalan, Jonathan; Aguilar, Douglas; Miller, Shoreh; Tang, Lei; Shahabuddin, Syed

L13 ANSWER 2 OF 62 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2002:832575 CAPLUS
TITLE: **Treatment** of respiratory and lung diseases with antisense oligonucleotides and a bronchodilating

agent

INVENTOR(S): Nyce, Jonathan W.; Li, Yukui; Sandrasagra, Anthony; Katz, Evan; Pabalan, Jonathan; Aguilar, Douglas; Miller, Shoreh; Tang, Lei; Shahabuddin, Syed

PATENT ASSIGNEE(S): Epigenesis Pharmaceuticals, Inc., USA

SOURCE: PCT Int. Appl., 872 pp.
CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 4

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002085308	A2	20021031	WO 2002-US13135	20020423
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
WO 2002085308	A2	20021031	WO 2002-XA13135	20020423
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
WO 2002085308	A2	20021031	WO 2002-XB13135	20020423
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
WO 2002085308	A2	20021031	WO 2002-XC13135	20020423
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				

PRIORITY APPLN. INFO.: US 2001-286137P P 20010424
WO 2002-US13135 A 20020423

TI **Treatment** of respiratory and lung diseases with antisense oligonucleotides and a bronchodilating agent
IN Nyce, Jonathan W.; Li, Yukui; Sandrasagra, Anthony; Katz, Evan; Pabalan, Jonathan; Aguilar, Douglas; Miller, Shoreh; Tang, Lei; Shahabuddin, Syed

L13 ANSWER 3 OF 62 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2002:709704 CAPLUS
DOCUMENT NUMBER: 137:212010
TITLE: Protein and cDNA sequences of a novel human nucleotide excision repair protein 9.24 and therapeutic use thereof
INVENTOR(S): Mao, Yumin; Xie, Yi
PATENT ASSIGNEE(S): Shanghai Bode Gene Development Co. Ltd., Peop. Rep. China
SOURCE: Faming Zhuanli Shenqing Gongkai Shuomingshu, 35 pp. CODEN: CNXXEV
DOCUMENT TYPE: Patent
LANGUAGE: Chinese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
CN 1329052	A	20020102	CN 2000-116587	20000619

TI Protein and cDNA sequences of a novel human nucleotide excision repair protein 9.24 and therapeutic use thereof
IN Mao, Yumin; Xie, Yi

L13 ANSWER 4 OF 62 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2002:709703 CAPLUS
DOCUMENT NUMBER: 137:212009
TITLE: Protein and cDNA sequences of a novel human **CCR4** related protein 9 and therapeutic use thereof
INVENTOR(S): Mao, Yumin; Xie, Yi
PATENT ASSIGNEE(S): Shanghai Bode Gene Development Co. Ltd., Peop. Rep. China
SOURCE: Faming Zhuanli Shenqing Gongkai Shuomingshu, 33 pp. CODEN: CNXXEV
DOCUMENT TYPE: Patent
LANGUAGE: Chinese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
CN 1329051	A	20020102	CN 2000-116586	20000619

TI Protein and cDNA sequences of a novel human **CCR4** related protein 9 and therapeutic use thereof
IN Mao, Yumin; Xie, Yi

L13 ANSWER 5 OF 62 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2002:709694 CAPLUS
DOCUMENT NUMBER: 137:212000
TITLE: Protein and cDNA sequences of a novel human Mch2 (a member of cysteine protease family) protein 10.45 and therapeutic use thereof
INVENTOR(S): Mao, Yumin; Xie, Yi
PATENT ASSIGNEE(S): Shanghai Bode Gene Development Co. Ltd., Peop. Rep.

China
SOURCE: Faming Zhuanli Shenqing Gongkai Shuomingshu, 33 pp.
CODEN: CNXXEV
DOCUMENT TYPE: Patent
LANGUAGE: Chinese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
CN 1329039	A	20020102	CN 2000-116570	20000619

TI Protein and cDNA sequences of a novel human Mch2 (a member of cysteine protease family) protein 10.45 and therapeutic use thereof
IN Mao, Yumin; Xie, Yi

L13 ANSWER 6 OF 62 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2002:662210 CAPLUS
TITLE: Chemokine responses in schistosomal antigen-elicited granuloma formation
AUTHOR(S): Chiu, Bo-Chin; Chensue, Stephen W.
CORPORATE SOURCE: Department of Pathology, University of Michigan Medical School, Ann Arbor, MI, USA
SOURCE: Parasite Immunology (2002), 24(6), 285-294
CODEN: PAIMD8; ISSN: 0141-9838
PUBLISHER: Blackwell Science Ltd.
DOCUMENT TYPE: Journal
LANGUAGE: English
TI Chemokine responses in schistosomal antigen-elicited granuloma formation
AU Chiu, Bo-Chin; Chensue, Stephen W.
REFERENCE COUNT: 47 THERE ARE 47 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE
FORMAT

L13 ANSWER 7 OF 62 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2002:554394 CAPLUS
DOCUMENT NUMBER: 137:139240
TITLE: IFN-.gamma.-inducible expression of thymus and activation-regulated chemokine/CCL17 and macrophage-derived chemokine/CCL22 in epidermal keratinocytes and their roles in atopic dermatitis
AUTHOR(S): Horikawa, Tatsuya; Nakayama, Takashi; Hikata, Ichiro; Yamada, Hidekazu; Fujisawa, Ryuichi; Bito, Toshinori; Harada, Susumu; Fukunaga, Atsushi; Chantry, David; Gray, Patrick W.; Morita, Atsushi; Suzuki, Ryuji; Tezuka, Tadashi; Ichihashi, Masamitsu; Yoshie, Osamu
CORPORATE SOURCE: Division of Dermatology, Department of Clinical Molecular Medicine, Kobe University Graduate School of Medicine, Kobe, 650-0017, Japan
SOURCE: International Immunology (2002), 14(7), 767-773
CODEN: INIMEN; ISSN: 0953-8178
PUBLISHER: Oxford University Press
DOCUMENT TYPE: Journal
LANGUAGE: English
TI IFN-.gamma.-inducible expression of thymus and activation-regulated chemokine/CCL17 and macrophage-derived chemokine/CCL22 in epidermal keratinocytes and their roles in atopic dermatitis
AU Horikawa, Tatsuya; Nakayama, Takashi; Hikata, Ichiro; Yamada, Hidekazu; Fujisawa, Ryuichi; Bito, Toshinori; Harada, Susumu; Fukunaga, Atsushi;

Chantry, David; Gray, Patrick W.; Morita, Atsushi; Suzuki, Ryuji; Tezuka, Tadashi; Ichihashi, Masamitsu; Yoshie, Osamu
REFERENCE COUNT: 24 THERE ARE 24 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE
FORMAT

L13 ANSWER 8 OF 62 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2002:461226 CAPLUS
DOCUMENT NUMBER: 137:30221
TITLE: Method for identification of interventions which mimic
effects of calorie restriction on aging
INVENTOR(S): Spindler, Stephen R.
PATENT ASSIGNEE(S): The Regents of the University of California, USA
SOURCE: U.S., 150 pp., Cont.-in-part of U.S. Ser. No. 471,225.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 3
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6406853	B1	20020618	US 2000-648642	20000825
US 6391270	B1	20020521	US 1999-471225	19991223
WO 2001045752	A1	20010628	WO 2000-US35437	20001222
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
EP 1239885	A1	20020918	EP 2000-988400	20001222
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				

PRIORITY APPLN. INFO.:
US 1999-471225 A2 19991223
US 1999-471224 A 19991223
US 2000-648642 A 20000825
WO 2000-US35437 W 20001222

TI Method for identification of interventions which mimic effects of calorie restriction on aging
IN Spindler, Stephen R.
REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE
FORMAT

L13 ANSWER 9 OF 62 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2002:449493 CAPLUS
DOCUMENT NUMBER: 137:15782
TITLE: Therapeutics for chemokine-mediated diseases
INVENTOR(S): Saxena, Geeta; Tudan, Christopher R.; Salari, Hassan
PATENT ASSIGNEE(S): Chemokine Therapeutics Corporation, Can.
SOURCE: PCT Int. Appl., 52 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent

LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002045702	A2	20020613	WO 2001-CA1748	20011205

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

AU 2002015737	A5	20020618	AU 2002-15737	20011205

PRIORITY APPLN. INFO.:

CA 2000-2330350	A	20001205
US 2001-767378	A	20010122
WO 2001-CA1748	W	20011205

OTHER SOURCE(S): MARPAT 137:15782
TI Therapeutics for chemokine-mediated diseases
IN Saxena, Geeta; Tudan, Christopher R.; Salari, Hassan

L13 ANSWER 10 OF 62 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2002:424142 CAPLUS
DOCUMENT NUMBER: 136:381371
TITLE: Protein and cDNA sequences of a novel human protein **CCR4**-like protein 16 and therapeutical uses
INVENTOR(S): Mao, Yumin; Xie, Yi
PATENT ASSIGNEE(S): Bode Gene Development Co., Ltd., Shanghai, Peop. Rep. China
SOURCE: Faming Zhuanli Shenqing Gongkai Shuomingshu, 33 pp. CODEN: CNXXEV
DOCUMENT TYPE: Patent
LANGUAGE: Chinese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
CN 1315438	A	20011003	CN 2000-115260	20000329
WO 2001079280	A1	20011025	WO 2001-CN531	20010326

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.:

CN 2000-115260	A	20000329

TI Protein and cDNA sequences of a novel human protein **CCR4**-like protein 16 and therapeutical uses
IN Mao, Yumin; Xie, Yi

L13 ANSWER 11 OF 62 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2002:355048 CAPLUS

TITLE: AMD3100, a CxCR4 antagonist, attenuates allergic lung inflammation and airway hyperreactivity
AUTHOR(S): Lukacs, Nicholas W.; Berlin, Aaron; Schols, Dominique; Skerlj, Renato T.; Bridger, Gary J.
CORPORATE SOURCE: Department of Pathology, University of Michigan Medical School, Ann Arbor, MI, 48109-0602, USA
SOURCE: American Journal of Pathology (2002), 160(4), 1353-1360
CODEN: AJPAA4; ISSN: 0002-9440
PUBLISHER: American Society for Investigative Pathology
DOCUMENT TYPE: Journal
LANGUAGE: English
TI AMD3100, a CxCR4 antagonist, attenuates allergic lung inflammation and airway hyperreactivity
AU Lukacs, Nicholas W.; Berlin, Aaron; Schols, Dominique; Skerlj, Renato T.; Bridger, Gary J.
REFERENCE COUNT: 56 THERE ARE 56 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 12 OF 62 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2002:332188 CAPLUS
DOCUMENT NUMBER: 136:355235
TITLE: Preparation of tertiary N-(5,6,7,8-tetrahydro-8-quinolinyl)-N-(1H-benzimidazol-2-ylmethyl)amines and analogs as chemokine receptor modulators for **treatment** of HIV or FIV
INVENTOR(S): Bridger, Gary; Skerlj, Renato; Kaller, Al; Harwig, Curtis; Bogucki, David; Wilson, Trevor R.; Crawford, Jason; Mceachern, Ernest J.; Atsman, Berm; Nan, Siqiao; Zhou, Yuanxi; Schols, Dominique; Smith, Christopher Dennis; Di Fluri, Rosaria Maria
PATENT ASSIGNEE(S): Anormed Inc., Can.
SOURCE: PCT Int. Appl., 187 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 3
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002034745	A1	20020502	WO 2001-US29590	20010919
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2001094628	A5	20020506	AU 2001-94628	20010919

PRIORITY APPLN. INFO.: US 2000-234510P P 20000922
US 2000-234816P P 20000922
WO 2001-US29590 W 20010919
OTHER SOURCE(S): MARPAT 136:355235
TI Preparation of tertiary N-(5,6,7,8-tetrahydro-8-quinolinyl)-N-(1H-

benzimidazol-2-ylmethyl)amines and analogs as chemokine receptor modulators for **treatment** of HIV or FIV

IN Bridger, Gary; Skerlj, Renato; Kaller, Al; Harwig, Curtis; Bogucki, David; Wilson, Trevor R.; Crawford, Jason; Mceachern, Ernest J.; Atsman, Berm; Nan, Siqiao; Zhou, Yuanxi; Schols, Dominique; Smith, Christopher Dennis; Di Fluri, Rosaria Maria

REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 13 OF 62 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 2002:293390 CAPLUS
DOCUMENT NUMBER: 136:304071
TITLE: Modulation of **CCR4** function for disease therapy
INVENTOR(S): Collins, Tassie; Dairaghi, Daniel J.; Mahmud, Hoosen; McMaster, Brian E.; Medina, Julio C.; Schall, Thomas J.; Xu, Feng; Wang, Xuemei
PATENT ASSIGNEE(S): Tularik Inc., USA; Chemocentryx, Inc.
SOURCE: PCT Int. Appl., 78 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002030358	A2	20020418	WO 2001-US42625	20011011
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2002013467	A5	20020422	AU 2002-13467	20011011

PRIORITY APPLN. INFO.:
US 2000-240022P P 20001011
US 2001-293781P P 20010523
WO 2001-US42625 W 20011011

OTHER SOURCE(S): MARPAT 136:304071

TI Modulation of **CCR4** function for disease therapy

IN Collins, Tassie; Dairaghi, Daniel J.; Mahmud, Hoosen; McMaster, Brian E.; Medina, Julio C.; Schall, Thomas J.; Xu, Feng; Wang, Xuemei

L13 ANSWER 14 OF 62 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 2002:293389 CAPLUS
DOCUMENT NUMBER: 136:304070
TITLE: Compounds and methods for modulating **CCR4** function for prevention and **treatment** of inflammatory and immunoregulatory disorders and diseases
INVENTOR(S): Dairaghi, Daniel J.; McMaster, Brian E.; Schall, Thomas J.
PATENT ASSIGNEE(S): Chemocentryx, Inc., USA
SOURCE: PCT Int. Appl., 44 pp.
CODEN: PIXXD2

DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002030357	A2	20020418	WO 2001-US42624	20011011
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2002013466	A5	20020422	AU 2002-13466	20011011
US 2002132836	A1	20020919	US 2001-975567	20011011

PRIORITY APPLN. INFO.: US 2000-240022P P 20001011
WO 2001-US42624 W 20011011

OTHER SOURCE(S): MARPAT 136:304070
TI Compounds and methods for modulating **CCR4** function for prevention and **treatment** of inflammatory and immunoregulatory disorders and diseases
IN Dairaghi, Daniel J.; McMaster, Brian E.; Schall, Thomas J.

L13 ANSWER 15 OF 62 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2002:277417 CAPLUS
DOCUMENT NUMBER: 137:168130
TITLE: Serum macrophage-derived chemokine (MDC) levels are closely related with the disease activity of atopic dermatitis
AUTHOR(S): Kakinuma, T.; Nakamura, K.; Wakugawa, M.; Mitsui, H.; Tada, Y.; Saeki, H.; Torii, H.; Komine, M.; Asahina, A.; Tamaki, K.
CORPORATE SOURCE: Department of Dermatology, Faculty of Medicine, University of Tokyo, Tokyo, 113-8655, Japan
SOURCE: Clinical and Experimental Immunology (2002), 127(2), 270-273
CODEN: CEXIAL; ISSN: 0009-9104
PUBLISHER: Blackwell Science Ltd.
DOCUMENT TYPE: Journal
LANGUAGE: English
TI Serum macrophage-derived chemokine (MDC) levels are closely related with the disease activity of atopic dermatitis
AU Kakinuma, T.; Nakamura, K.; Wakugawa, M.; Mitsui, H.; Tada, Y.; Saeki, H.;
Torii, H.; Komine, M.; Asahina, A.; Tamaki, K.
REFERENCE COUNT: 22 THERE ARE 22 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 16 OF 62 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2002:196428 CAPLUS
DOCUMENT NUMBER: 137:41160
TITLE: Cytokine modulators as novel therapies for asthma
AUTHOR(S): Barnes, Peter J.
CORPORATE SOURCE: Department of Thoracic Medicine, Imperial College,

National Heart and Lung Institute, London, SW3 6LY, UK
SOURCE: Annual Review of Pharmacology and Toxicology (2002), 42, 81-98
CODEN: ARPTDI; ISSN: 0362-1642
PUBLISHER: Annual Reviews Inc.
DOCUMENT TYPE: Journal; General Review
LANGUAGE: English
TI Cytokine modulators as novel therapies for asthma
AU Barnes, Peter J.
REFERENCE COUNT: 84 THERE ARE 84 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 17 OF 62 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2002:124627 CAPLUS
DOCUMENT NUMBER: 137:27901
TITLE: Complementary whole-genome technologies reveal the cellular response to proteasome inhibition by PS-341
AUTHOR(S): Fleming, James A.; Lightcap, Eric S.; Sadis, Seth; Thoroddsen, Vala; Bulawa, Christine E.; Blackman, Ronald K.
CORPORATE SOURCE: Millennium Pharmaceuticals, Incorporated, Cambridge, MA, 02139, USA
SOURCE: Proceedings of the National Academy of Sciences of the United States of America (2002), 99(3), 1461-1466
CODEN: PNASA6; ISSN: 0027-8424
PUBLISHER: National Academy of Sciences
DOCUMENT TYPE: Journal
LANGUAGE: English
TI Complementary whole-genome technologies reveal the cellular response to proteasome inhibition by PS-341
AU Fleming, James A.; Lightcap, Eric S.; Sadis, Seth; Thoroddsen, Vala; Bulawa, Christine E.; Blackman, Ronald K.
REFERENCE COUNT: 43 THERE ARE 43 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 18 OF 62 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2002:107319 CAPLUS
DOCUMENT NUMBER: 136:149844
TITLE: Chemokine and chemokine receptor gene expression as a diagnostic indicator for inflammatory disease of the gastrointestinal tract
INVENTOR(S): Smith, Kathleen M.; Zlotnik, Albert
PATENT ASSIGNEE(S): Schering Corporation, USA
SOURCE: PCT Int. Appl., 22 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002010138	A2	20020207	WO 2001-US23891	20010730
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,				

CO, CR, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, HR, HU, ID, IL, IN, IS, JP, KG, KR, KZ, LC, LK, LR, LT, LU, LV, MA, MD, MG, MK, MN, MX, MZ, NO, NZ, PL, PT, RO, RU, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UZ, VN, YU, ZA, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

US 2002115115 A1 20020822 US 2001-920318 20010731
PRIORITY APPLN. INFO.: US 2000-222258P P 20000801
TI Chemokine and chemokine receptor gene expression as a diagnostic indicator for inflammatory disease of the gastrointestinal tract
IN Smith, Kathleen M.; Zlotnik, Albert

L13 ANSWER 19 OF 62 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2001:886505 CAPLUS
DOCUMENT NUMBER: 136:32804
TITLE: cDNA and protein sequence of a novel human protein 9.5 and their uses in drug screening, diagnosis and therapeutics
INVENTOR(S): Mao, Yumin; Xie, Yi
PATENT ASSIGNEE(S): Shanghai Biowindow Gene Development Inc., Peop. Rep. China
SOURCE: PCT Int. Appl., 36 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: Chinese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001092518	A1	20011206	WO 2001-CN842	20010521

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

CN 1324862	A	20011205	CN 2000-115846	20000524

PRIORITY APPLN. INFO.: CN 2000-115846 A 20000524
TI cDNA and protein sequence of a novel human protein 9.5 and their uses in drug screening, diagnosis and therapeutics
IN Mao, Yumin; Xie, Yi

L13 ANSWER 20 OF 62 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2001:877804 CAPLUS
DOCUMENT NUMBER: 136:1636
TITLE: Protein and cDNA sequences of 31 kDa human **CCR4** related protein CAF1 sequence homolog (HCAF31) and therapeutic use thereof
INVENTOR(S): Mao, Yumin; Xie, Yi
PATENT ASSIGNEE(S): Borong Gene Development Co., Ltd., Shanghai, Peop. Rep. China
SOURCE: Faming Zhuanli Shenqing Gongkai Shuomingshu, 34 pp.

CODEN: CNXXEV
DOCUMENT TYPE: Patent
LANGUAGE: Chinese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
CN 1296960	A	20010530	CN 1999-124049	19991122

TI Protein and cDNA sequences of 31 kDa human **CCR4** related protein CAF1 sequence homolog (HCAF31) and therapeutic use thereof
IN Mao, Yumin; Xie, Yi

L13 ANSWER 21 OF 62 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2001:851215 CAPLUS
DOCUMENT NUMBER: 136:1681
TITLE: Protein and cDNA sequences of 10 kDa human **CCR4** associated protein-like protein and therapeutic use thereof
INVENTOR(S): Mao, Yumin; Xie, Yi
PATENT ASSIGNEE(S): Shanghai Biowindow Gene Development Inc., Peop. Rep. China
SOURCE: PCT Int. Appl., 37 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: Chinese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001087947	A1	20011122	WO 2001-CN700	20010508
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
CN 1322744	A	20011121	CN 2000-115620	20000509

PRIORITY APPLN. INFO.: CN 2000-115620 A 20000509
TI Protein and cDNA sequences of 10 kDa human **CCR4** associated protein-like protein and therapeutic use thereof
IN Mao, Yumin; Xie, Yi
REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE
FORMAT

L13 ANSWER 22 OF 62 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2001:798457 CAPLUS
DOCUMENT NUMBER: 135:330114
TITLE: A reporter gene expression vector and host cell system
for detection of HIV and monitoring HIV drug resistance
INVENTOR(S): Dong, Jian-Yun
PATENT ASSIGNEE(S): Musc Foundation for Research Development, USA
SOURCE: PCT Int. Appl., 74 pp.

CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001081608	A2	20011101	WO 2001-US12968	20010423
WO 2001081608	A3	20020221		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

US 6410013	B1	20020625	US 2000-559244	20000426

PRIORITY APPLN. INFO.:

US 2000-559244	A2	20000426
US 1999-117136P	P	19990125
US 1999-314259	A2	19990518
WO 2000-US782	A1	20000112

TI A reporter gene expression vector and host cell system for detection of HIV and monitoring HIV drug resistance
IN Dong, Jian-Yun

L13 ANSWER 23 OF 62 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2001:705493 CAPLUS
DOCUMENT NUMBER: 136:5216
TITLE: Genomic profiling of short- and long-term caloric restriction effects in the liver of aging mice
AUTHOR(S): Cao, Shelley X.; Dhahbi, Joseph M.; Mote, Patricia L.; Spindler, Stephen R.
CORPORATE SOURCE: Department of Biochemistry, University of California, Riverside, CA, 92521, USA
SOURCE: Proceedings of the National Academy of Sciences of the United States of America (2001), 98(19), 10630-10635
CODEN: PNASA6; ISSN: 0027-8424
PUBLISHER: National Academy of Sciences
DOCUMENT TYPE: Journal
LANGUAGE: English
TI Genomic profiling of short- and long-term caloric restriction effects in the liver of aging mice
AU Cao, Shelley X.; Dhahbi, Joseph M.; Mote, Patricia L.; Spindler, Stephen R.
REFERENCE COUNT: 58 THERE ARE 58 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 24 OF 62 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2001:661494 CAPLUS
DOCUMENT NUMBER: 135:225865
TITLE: Gene recombinant antibody and its fragment
INVENTOR(S): Shitara, Kenya; Hanai, Nobuo; Shoji, Emi; Sakurada, Mikiko; Furuya, Akiko; Nakamura, Kazuyasu; Niwa,

Rinpei; Shibata, Kenji; Yamasaki, Motoo
PATENT ASSIGNEE(S): Kyowa Hakko Kogyo Co., Ltd., Japan
SOURCE: PCT Int. Appl., 116 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001064754	A1	20010907	WO 2001-JP1656	20010302
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
AU 2001036073	A5	20010912	AU 2001-36073	20010302
US 2002098527	A1	20020725	US 2001-796744	20010302

PRIORITY APPLN. INFO.:
JP 2000-59508 A 20000303
JP 2000-401563 A 20001228
WO 2001-JP1656 W 20010302

TI Gene recombinant antibody and its fragment
IN Shitara, Kenya; Hanai, Nobuo; Shoji, Emi; Sakurada, Mikiko; Furuya, Akiko;
Nakamura, Kazuyasu; Niwa, Rinpei; Shibata, Kenji; Yamasaki, Motoo
REFERENCE COUNT: 24 THERE ARE 24 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE
FORMAT

L13 ANSWER 25 OF 62 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2001:499783 CAPLUS
DOCUMENT NUMBER: 135:103329
TITLE: Methods of identifying G protein-coupled receptors associated with the uptake of macrophage-trophic HIV, and their use in diagnosis and **treatment** of AIDS
INVENTOR(S): Littman, Dan R.; Deng, Hongkui; Ellmeier, Wilfried; Landau, Nathaniel R.; Liu, Rong
PATENT ASSIGNEE(S): The Aaron Diamond Aids Research Center, USA; New York University
SOURCE: U.S., 37 pp., Cont.-in-part of U.S. Ser. No. 858,660, abandoned.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 3
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6258527	B1	20010710	US 1997-861105	19970521

PRIORITY APPLN. INFO.:
US 1996-17157P P 19960520
US 1996-20043P P 19960619
US 1997-858660 B2 19970519

TI Methods of identifying G protein-coupled receptors associated with the uptake of macrophage-trophic HIV, and their use in diagnosis and **treatment** of AIDS
IN Littman, Dan R.; Deng, Hongkui; Ellmeier, Wilfried; Landau, Nathaniel R.; Liu, Rong
REFERENCE COUNT: 57 THERE ARE 57 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE
FORMAT

L13 ANSWER 26 OF 62 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2001:489619 CAPLUS
DOCUMENT NUMBER: 135:71268
TITLE: Use of locked nucleic acid-modified oligonucleotides for **treatment** of cancer and inflammation
INVENTOR(S): Orum, Henrik; Koch, Troel; Skouv, Jan; Jakobsen, Mogen
Havsteen
PATENT ASSIGNEE(S): Exiqon A/S, Den.
SOURCE: PCT Int. Appl., 50 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001048190	A2	20010705	WO 2000-IB2043	20001222
WO 2001048190	A3	20020510		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
US 2002068709	A1	20020606	US 2000-747913	20001222
EP 1240322	A2	20020918	EP 2000-990866	20001222
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				

PRIORITY APPLN. INFO.: US 1999-171873P P 19991223
WO 2000-IB2043 W 20001222

TI Use of locked nucleic acid-modified oligonucleotides for **treatment** of cancer and inflammation
IN Orum, Henrik; Koch, Troel; Skouv, Jan; Jakobsen, Mogen Havsteen

L13 ANSWER 27 OF 62 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2001:293141 CAPLUS
DOCUMENT NUMBER: 135:151353
TITLE: Chemokines control fat accumulation and leptin secretion by cultured human adipocytes
AUTHOR(S): Gerhardt, C. C.; Romero, I. A.; Cancello, R.; Camoin, L.; Strosberg, A. D.
CORPORATE SOURCE: CNRS UPR 0415, Institut Cochin de Genetique Moleculaire, Paris, 75014, Fr.
SOURCE: Molecular and Cellular Endocrinology (2001), 175(1-2),

81-92
CODEN: MCEND6; ISSN: 0303-7207
PUBLISHER: Elsevier Science Ireland Ltd.
DOCUMENT TYPE: Journal
LANGUAGE: English
TI Chemokines control fat accumulation and leptin secretion by cultured human
adipocytes
AU Gerhardt, C. C.; Romero, I. A.; Cancello, R.; Camoin, L.; Strosberg, A. D.
REFERENCE COUNT: 51 THERE ARE 51 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE
FORMAT

L13 ANSWER 28 OF 62 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2001:250694 CAPLUS
DOCUMENT NUMBER: 135:317274
TITLE: Thymus and activation-regulated chemokine in atopic dermatitis: serum thymus and activation-regulated chemokine level is closely related with disease activity
AUTHOR(S): Kakinuma, Takashi; Nakamura, Koichiro; Wakugawa, Motoshi; Mitsui, Hiroshi; Tada, Yayoi; Saeki, Hidehisa; Torii, Hideshi; Asahina, Akihiko; Onai, Nobuyuki; Matsushima, Kouji; Tamaki, Kunihiko
CORPORATE SOURCE: Department of Dermatology, Faculty of Medicine, University of Tokyo, Tokyo, 113-8655, Japan
SOURCE: Journal of Allergy and Clinical Immunology (2001), 107(3), 535-541
CODEN: JACIBY; ISSN: 0091-6749
PUBLISHER: Mosby, Inc.
DOCUMENT TYPE: Journal
LANGUAGE: English
TI Thymus and activation-regulated chemokine in atopic dermatitis: serum thymus and activation-regulated chemokine level is closely related with disease activity
AU Kakinuma, Takashi; Nakamura, Koichiro; Wakugawa, Motoshi; Mitsui, Hiroshi;
Tada, Yayoi; Saeki, Hidehisa; Torii, Hideshi; Asahina, Akihiko; Onai, Nobuyuki; Matsushima, Kouji; Tamaki, Kunihiko
REFERENCE COUNT: 25 THERE ARE 25 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE
FORMAT

L13 ANSWER 29 OF 62 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2001:181821 CAPLUS
DOCUMENT NUMBER: 134:339404
TITLE: The CC Chemokines MDC and TARC Induce Platelet Activation Via **CCR4**
AUTHOR(S): Abi-Younes, S.; Si-Tahar, M.; Luster, A. D.
CORPORATE SOURCE: Division of Rheumatology, Allergy and Immunology, Center for Immunology and Inflammatory Diseases, Massachusetts General Hospital and Harvard Medical School, Boston, MA, USA
SOURCE: Thrombosis Research (2001), 101(4), 279-289
CODEN: THBRAA; ISSN: 0049-3848
PUBLISHER: Elsevier Science Inc.
DOCUMENT TYPE: Journal

LANGUAGE: English
TI The CC Chemokines MDC and TARC Induce Platelet Activation Via **CCR4**
AU Abi-Younes, S.; Si-Tahar, M.; Luster, A. D.
REFERENCE COUNT: 55 THERE ARE 55 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE
FORMAT

L13 ANSWER 30 OF 62 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2001:125086 CAPLUS
DOCUMENT NUMBER: 134:279375
TITLE: Adenosine diphosphate strongly potentiates the ability
of the chemokines MDC, TARC, and SDF-1 to stimulate platelet function
AUTHOR(S): Gear, Adrian R. L.; Suttitanamongkol, Sudawadee; Viisoreanu, Delia; Polanowska-Grabowska, Renata K.; Raha, Sanghamitra; Camerini, David
CORPORATE SOURCE: Department of Biochemistry and Molecular Genetics and the Department of Microbiology/Myles H. Thaler Center for AIDS and Human Retrovirus Research, University of Virginia Health Sciences Center, Charlottesville, VA, 22908, USA
SOURCE: Blood (2001), 97(4), 937-945
CODEN: BLOOAW; ISSN: 0006-4971
PUBLISHER: American Society of Hematology
DOCUMENT TYPE: Journal
LANGUAGE: English
TI Adenosine diphosphate strongly potentiates the ability of the chemokines MDC, TARC, and SDF-1 to stimulate platelet function
AU Gear, Adrian R. L.; Suttitanamongkol, Sudawadee; Viisoreanu, Delia; Polanowska-Grabowska, Renata K.; Raha, Sanghamitra; Camerini, David
REFERENCE COUNT: 51 THERE ARE 51 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE
FORMAT

L13 ANSWER 31 OF 62 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2000:790144 CAPLUS
DOCUMENT NUMBER: 133:349154
TITLE: **CCR4** antagonists for **treatment** of septic shock
INVENTOR(S): Power, Christina A.; Chivatchko, Yolande
PATENT ASSIGNEE(S): Applied Research Systems ARS Holding N.V., Neth. Antilles
SOURCE: Eur. Pat. Appl., 20 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1050307	A1	20001108	EP 1999-108954	19990506
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
WO 2000067791	A1	20001116	WO 2000-EP4018	20000504
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU,				

ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

EP 1176980 A1 20020206 EP 2000-927140 20000504
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO

PRIORITY APPLN. INFO.: EP 1999-108954 A 19990506
WO 2000-EP4018 W 20000504

TI **CCR4** antagonists for **treatment** of septic shock
IN Power, Christina A.; Chivatchko, Yolande
REFERENCE COUNT: 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE
FORMAT

L13 ANSWER 32 OF 62 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2000:756484 CAPLUS
DOCUMENT NUMBER: 133:329593
TITLE: Low adenosine anti-sense oligonucleotide, compositions, kit and method for **treatment** of airway disorders associated with bronchoconstriction, lung inflammation, allergy(ies) and surfactant depletion
INVENTOR(S): Nyce, Jonathan W.
PATENT ASSIGNEE(S): East Carolina University, USA
SOURCE: PCT Int. Appl., 1592 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000062736	A2	20001026	WO 2000-US8020	20000324
WO 2000062736	A3	20011011		

W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

BR 2000006019	A	20010313	BR 2000-6019	20000324
EP 1168919	A2	20020109	EP 2000-919668	20000324

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO

PRIORITY APPLN. INFO.: US 1999-127958P P 19990406
WO 2000-US8020 W 20000324

OTHER SOURCE(S): MARPAT 133:329593
TI Low adenosine anti-sense oligonucleotide, compositions, kit and method for
treatment of airway disorders associated with bronchoconstriction, lung inflammation, allergy(ies) and surfactant depletion
IN Nyce, Jonathan W.

L13 ANSWER 33 OF 62 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2000:719245 CAPLUS
DOCUMENT NUMBER: 134:40950
TITLE: Modulation of experimental autoimmune encephalomyelitis: effect of altered peptide ligand on chemokine and chemokine receptor expression
AUTHOR(S): Fischer, F. R.; Santambrogio, L.; Luo, Y.; Berman, M. A.; Hancock, W. W.; Dorf, M. E.
CORPORATE SOURCE: Department of Pathology, Harvard Medical School, Boston, MA, 02115, USA
SOURCE: Journal of Neuroimmunology (2000), 110(1-2), 195-208
CODEN: JNRIDW; ISSN: 0165-5728
PUBLISHER: Elsevier Science B.V.
DOCUMENT TYPE: Journal
LANGUAGE: English
TI Modulation of experimental autoimmune encephalomyelitis: effect of altered peptide ligand on chemokine and chemokine receptor expression
AU Fischer, F. R.; Santambrogio, L.; Luo, Y.; Berman, M. A.; Hancock, W. W.; Dorf, M. E.
REFERENCE COUNT: 58 THERE ARE 58 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 34 OF 62 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2000:628006 CAPLUS
DOCUMENT NUMBER: 133:217723
TITLE: Method for validating/invalidating target(s) and pathways
INVENTOR(S): Nyce, Jonathan W.
PATENT ASSIGNEE(S): Epigenesis Pharmaceuticals, Inc., USA
SOURCE: PCT Int. Appl., 53 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000051621	A1	20000908	WO 2000-US5643	20000302
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
BR 2000009247	A	20011120	BR 2000-9247	20000302
EP 1165093	A1	20020102	EP 2000-913730	20000302
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
JP 2002537792	T2	20021112	JP 2000-602288	20000302

PRIORITY APPLN. INFO.: US 1999-122950P P 19990305
WO 2000-US5643 W 20000302

OTHER SOURCE(S): MARPAT 133:217723
TI Method for validating/invalidating target(s) and pathways
IN Nyce, Jonathan W.
REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE
FORMAT

L13 ANSWER 35 OF 62 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2000:553560 CAPLUS
DOCUMENT NUMBER: 133:164005
TITLE: Preparation of substituted N-heterocyclyl benzamides and analogs as G-protein coupled heptahelical receptor binding compounds
INVENTOR(S): Shiosaki, Kazumi; Fleming, Paul
PATENT ASSIGNEE(S): Millennium Pharmaceuticals, Inc., USA
SOURCE: PCT Int. Appl., 80 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000046203	A2	20000810	WO 2000-US3042	20000203
WO 2000046203	A3	20010301		
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
EP 1150955	A2	20011107	EP 2000-907184	20000203
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				

PRIORITY APPLN. INFO.: US 1999-118893P P 19990204
WO 2000-US3042 W 20000203
OTHER SOURCE(S): MARPAT 133:164005
TI Preparation of substituted N-heterocyclyl benzamides and analogs as G-protein coupled heptahelical receptor binding compounds
IN Shiosaki, Kazumi; Fleming, Paul

L13 ANSWER 36 OF 62 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2000:336392 CAPLUS
DOCUMENT NUMBER: 133:72751
TITLE: A key role for CC chemokine receptor 4 in lipopolysaccharide-induced endotoxic shock
AUTHOR(S): Chvatchko, Yolande; Hoogewerf, Arlene J.; Meyer, Alexandra; Alouani, Sami; Juillard, Pierre; Buser, Raphaele; Conquet, Francois; Proudfoot, Amanda E. I.; Wells, Timothy N. C.; Power, Christine A.
CORPORATE SOURCE: Serono Pharmaceutical Research Institute, Geneva, 1228, Switz.
SOURCE: Journal of Experimental Medicine (2000), 191(10), 1755-1763
CODEN: JEMEAV; ISSN: 0022-1007

PUBLISHER: Rockefeller University Press
DOCUMENT TYPE: Journal
LANGUAGE: English
TI A key role for CC chemokine receptor 4 in lipopolysaccharide-induced endotoxic shock
AU Chvatchko, Yolande; Hoogewerf, Arlene J.; Meyer, Alexandra; Alouani, Sami; Juillard, Pierre; Buser, Raphaele; Conquet, Francois; Proudfoot, Amanda E. I.; Wells, Timothy N. C.; Power, Christine A.
REFERENCE COUNT: 39 THERE ARE 39 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 37 OF 62 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 1999:589618 CAPLUS
DOCUMENT NUMBER: 131:309664
TITLE: Recombinant IFN-.alpha. (2b) increases the expression of apoptosis receptor CD95 and chemokine receptors CCR1 and CCR3 in monocytoid cells
AUTHOR(S): Zella, Davide; Barabitskaja, Oxana; Casareto, Luca; Romerio, Fabio; Secchiero, Paola; Reitz, Marvin S.,Jr.; Gallo, Robert C.; Weichold, Frank F.
CORPORATE SOURCE: Institute of Human Virology, University of Maryland, Baltimore, MD, 21201, USA
SOURCE: Journal of Immunology (1999), 163(6), 3169-3175
CODEN: JOIMA3; ISSN: 0022-1767
PUBLISHER: American Association of Immunologists
DOCUMENT TYPE: Journal
LANGUAGE: English
TI Recombinant IFN-.alpha. (2b) increases the expression of apoptosis receptor CD95 and chemokine receptors CCR1 and CCR3 in monocytoid cells
AU Zella, Davide; Barabitskaja, Oxana; Casareto, Luca; Romerio, Fabio; Secchiero, Paola; Reitz, Marvin S.,Jr.; Gallo, Robert C.; Weichold, Frank F.
REFERENCE COUNT: 30 THERE ARE 30 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 38 OF 62 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 1999:461743 CAPLUS
DOCUMENT NUMBER: 131:241862
TITLE: CCR5+ and CXCR3+ T cells are increased in multiple sclerosis and their ligands MIP-1.alpha. and IP-10 are expressed in demyelinating brain lesions
AUTHOR(S): Balashov, Konstantin E.; Rottman, James B.; Weiner, Howard L.; Hancock, Wayne W.
CORPORATE SOURCE: Center for Neurologic Diseases, Brigham and Women's Hospital, Boston, MA, 02115, USA
SOURCE: Proceedings of the National Academy of Sciences of the United States of America (1999), 96(12), 6873-6878
CODEN: PNASA6; ISSN: 0027-8424
PUBLISHER: National Academy of Sciences
DOCUMENT TYPE: Journal
LANGUAGE: English
TI CCR5+ and CXCR3+ T cells are increased in multiple sclerosis and their

ligands MIP-1.alpha. and IP-10 are expressed in demyelinating brain lesions
AU Balashov, Konstantin E.; Rottman, James B.; Weiner, Howard L.; Hancock, Wayne W.
REFERENCE COUNT: 24 THERE ARE 24 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE
FORMAT

L13 ANSWER 39 OF 62 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 1999:443191 CAPLUS
DOCUMENT NUMBER: 131:208638
TITLE: Anti-HIV agent trichosanthin enhances the capabilities
of chemokines to stimulate chemotaxis and G protein activation, and this is mediated through interaction of trichosanthin and chemokine receptors
AUTHOR(S): Zhao, Jian; Ben, Li-Hong; Wu, Ya-Lan; Hu, Wei; Ling, Kun; Xin, Shun-Mei; Nie, Hui-Ling; Ma, Lan; Pei, Gang
CORPORATE SOURCE: Shanghai Institute of Cell Biology and Shanghai Research Center of Life Sciences, Chinese Academy of Sciences, Shanghai, 200031, Peop. Rep. China
SOURCE: Journal of Experimental Medicine (1999), 190(1), 101-111
CODEN: JEMEAV; ISSN: 0022-1007
PUBLISHER: Rockefeller University Press
DOCUMENT TYPE: Journal
LANGUAGE: English
TI Anti-HIV agent trichosanthin enhances the capabilities of chemokines to stimulate chemotaxis and G protein activation, and this is mediated through interaction of trichosanthin and chemokine receptors
AU Zhao, Jian; Ben, Li-Hong; Wu, Ya-Lan; Hu, Wei; Ling, Kun; Xin, Shun-Mei; Nie, Hui-Ling; Ma, Lan; Pei, Gang
REFERENCE COUNT: 64 THERE ARE 64 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE
FORMAT

L13 ANSWER 40 OF 62 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 1999:223049 CAPLUS
DOCUMENT NUMBER: 130:251233
TITLE: Macrophage-derived chemokine (MDC), MDC analogs, MDC inhibitor substances,and their therapeutic applications
INVENTOR(S): Gray, Patrick W.; Chantry, David H.; Deeley, Michael C.; Raport, Carol J.; Godiska, Ronald
PATENT ASSIGNEE(S): Icos Corporation, USA
SOURCE: PCT Int. Appl., 159 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 3
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9915666	A2	19990401	WO 1998-US20270	19980928
WO 9915666	A3	19990916		

W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE,

KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, US, US, US, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

CN 1163635	A	19971029	CN 1996-190875	19960607	
US 5932703	A	19990803	US 1996-660542	19960607	
CA 2302806	AA	19990401	CA 1998-2302806	19980928	
AU 9897778	A1	19990412	AU 1998-97778	19980928	
EP 1017818	A2	20000712	EP 1998-951961	19980928	

R: AT, BE, CH, DE, ES, FR, GB, IT, LI, SE, IE

PRIORITY APPLN. INFO.:	US 1995-479620	A2	19950607
	US 1995-558658	A2	19951116
	US 1996-660542	A2	19960607
	US 1997-939107	A2	19970926
	US 1998-67447	A2	19980428
	WO 1998-US20270	W	19980928

TI Macrophage-derived chemokine (MDC), MDC analogs, MDC inhibitor substances,and their therapeutic applications

IN Gray, Patrick W.; Chantry, David H.; Deeley, Michael C.; Raport, Carol J.;
Godiska, Ronald

L13 ANSWER 41 OF 62 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER:	1999:219995 CAPLUS
DOCUMENT NUMBER:	130:306599
TITLE:	Antisense oligonucleotides capable of binding to multiple targets and their use in the **treatment** of respiratory disease
INVENTOR(S):	Nyce, Jonathan W.
PATENT ASSIGNEE(S):	East Carolina University, USA
SOURCE:	PCT Int. Appl., 120 pp. CODEN: PIXXD2
DOCUMENT TYPE:	Patent
LANGUAGE:	English
FAMILY ACC. NUM. COUNT:	2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9913886	A1	19990325	WO 1998-US19419	19980917

W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

CA 2304312	AA	19990325	CA 1998-2304312	19980917
AU 9893951	A1	19990405	AU 1998-93951	19980917
AU 752531	B2	20020919		
EP 1019065	A1	20000719	EP 1998-947089	19980917

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, FI

BR 9812650	A	20000822	BR 1998-12650	19980917
PRIORITY APPLN. INFO.:			US 1997-59160P	P 19970917
			US 1998-93972	A 19980609

WO 1998-US19419 W 19980917
TI Antisense oligonucleotides capable of binding to multiple targets and their use in the **treatment** of respiratory disease
IN Nyce, Jonathan W.
REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE
FORMAT

L13 ANSWER 42 OF 62 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 1998:783871 CAPLUS
DOCUMENT NUMBER: 130:152423
TITLE: Pivotal role of TARC, a CC chemokine, in bacteria-induced fulminant hepatic failure in mice
AUTHOR(S): Yoneyama, Hiroyuki; Harada, Akihisa; Imai, Toshio; Baba, Masataka; Yoshie, Osamu; Zhang, Yi; Higashi, Hidemitsu; Murai, Masako; Asakura, Hitoshi; Matsushima, Kouji
CORPORATE SOURCE: Department of Molecular Preventive Medicine, School of Medicine, and CREST, The University of Tokyo, Tokyo, 113, Japan
SOURCE: Journal of Clinical Investigation (1998), 102(11), 1933-1941
CODEN: JCINAO; ISSN: 0021-9738
PUBLISHER: Rockefeller University Press
DOCUMENT TYPE: Journal
LANGUAGE: English
TI Pivotal role of TARC, a CC chemokine, in bacteria-induced fulminant hepatic failure in mice
AU Yoneyama, Hiroyuki; Harada, Akihisa; Imai, Toshio; Baba, Masataka; Yoshie, Osamu; Zhang, Yi; Higashi, Hidemitsu; Murai, Masako; Asakura, Hitoshi; Matsushima, Kouji
REFERENCE COUNT: 30 THERE ARE 30 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE
FORMAT

L13 ANSWER 43 OF 62 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 1998:750309 CAPLUS
DOCUMENT NUMBER: 130:95363
TITLE: Reactions of 2-amino-1,3-butadienes and Fischer alkynyl carbenes: up to nine C-C bonds and seven stereogenic centers created in a stereoselective manner through a cascade process
AUTHOR(S): Barluenga, Jose; Aznar, Fernando; Barluenga, Sofia; Fernandez, Monica; Martin, Alfredo; Garcia-Granda, Santiago; Pinera-Nicolas, Alejandro
CORPORATE SOURCE: Instituto Universitario de Quimica Organometalica Enrique Moles, Unidad asociada al C.S.I.C., Oviedo, E-33701, Spain
SOURCE: Chemistry--A European Journal (1998), 4(11), 2280-2298
CODEN: CEUJED; ISSN: 0947-6539
PUBLISHER: Wiley-VCH Verlag GmbH
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 130:95363
TI Reactions of 2-amino-1,3-butadienes and Fischer alkynyl carbenes: up to nine C-C bonds and seven stereogenic centers created in a stereoselective

manner through a cascade process
AU Barluenga, Jose; Aznar, Fernando; Barluenga, Sofia; Fernandez, Monica; Martin, Alfredo; Garcia-Granda, Santiago; Pinera-Nicolas, Alejandro
REFERENCE COUNT: 36 THERE ARE 36 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE
FORMAT

L13 ANSWER 44 OF 62 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 1998:677839 CAPLUS
DOCUMENT NUMBER: 129:289188
TITLE: Methods using a monocyte chemotactic protein for the modulation of the growth of collateral arteries and/or
other arteries from preexisting arteriolar connections
INVENTOR(S): Schaper, Wolfgang; Ito, Wulf D.
PATENT ASSIGNEE(S): Max-Planck-Gesellschaft Zur Forderung Der Wissenschaften E.V., Germany
SOURCE: PCT Int. Appl., 45 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9844953	A1	19981015	WO 1998-EP1891	19980401
W: CA, JP, US				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
EP 969877	A1	20000112	EP 1998-924093	19980401
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
JP 2001519795	T2	20011023	JP 1998-542349	19980401

PRIORITY APPLN. INFO.: EP 1997-105647 A 19970404
WO 1998-EP1891 W 19980401
TI Methods using a monocyte chemotactic protein for the modulation of the growth of collateral arteries and/or other arteries from preexisting arteriolar connections
IN Schaper, Wolfgang; Ito, Wulf D.
REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE
FORMAT

L13 ANSWER 45 OF 62 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 1998:39083 CAPLUS
DOCUMENT NUMBER: 128:139600
TITLE: RANTES and MIP-1.alpha. activate Stats in T cells
AUTHOR(S): Wong, Mark; Fish, Eleanor N.
CORPORATE SOURCE: Departments of Immunology, University of Toronto, Toronto, ON, M5S 3E2, Can.
SOURCE: Journal of Biological Chemistry (1998), 273(1), 309-314
CODEN: JBCHA3; ISSN: 0021-9258
PUBLISHER: American Society for Biochemistry and Molecular Biology
DOCUMENT TYPE: Journal
LANGUAGE: English

TI RANTES and MIP-1.alpha. activate Stats in T cells
AU Wong, Mark; Fish, Eleanor N.

L13 ANSWER 46 OF 62 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
ACCESSION NUMBER: 2002:520501 BIOSIS
DOCUMENT NUMBER: PREV200200520501
TITLE: Erythrocytes serve as a reservoir for HIV-1.
AUTHOR(S): Hess, C. (1); Klimkait, T.; Schlapbach, L. (1); Del Zenero, V.; Sadallah, S. (1); Balestra, G. (1); Schafer, C.; Battegay, M.; Schifferli, J. (1)
CORPORATE SOURCE: (1) Department of Research, Immunonephrology Laboratory, University Hospital Basel, Basel Switzerland
SOURCE: Abstracts of the Interscience Conference on Antimicrobial Agents and Chemotherapy, (2001) Vol. 41, pp. 350. print. Meeting Info.: 41st Annual Meeting of the Interscience Conference on Antimicrobial Agents and Chemotherapy Chicago, Illinois, USA September 22-25, 2001
DOCUMENT TYPE: Conference
LANGUAGE: English
TI Erythrocytes serve as a reservoir for HIV-1.
AU Hess, C. (1); Klimkait, T.; Schlapbach, L. (1); Del Zenero, V.; Sadallah, S. (1); Balestra, G. (1); Schafer, C.; Battegay, M.; Schifferli, J. (1)

L13 ANSWER 47 OF 62 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
ACCESSION NUMBER: 2002:469443 BIOSIS
DOCUMENT NUMBER: PREV200200469443
TITLE: Chemokine responses in schistosomal antigen-elicited granuloma formation.
AUTHOR(S): Chiu, Bo-Chin; Chensue, Stephen W. (1)
CORPORATE SOURCE: (1) Pathology and Laboratory Medicine, 2215 Fuller Road, 113, AAVAHS, Ann Arbor, MI, 48105: schensue@med.umich.edu USA
SOURCE: Parasite Immunology (Oxford), (June, 2002) Vol. 24, No. 6, pp. 285-294. http://www.balckwell-science.com/pim; http://www.blackwell-science.com/pim. print. ISSN: 0141-9838.
DOCUMENT TYPE: General Review
LANGUAGE: English
TI Chemokine responses in schistosomal antigen-elicited granuloma formation.
AU Chiu, Bo-Chin; Chensue, Stephen W. (1)

L13 ANSWER 48 OF 62 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
ACCESSION NUMBER: 2002:449998 BIOSIS
DOCUMENT NUMBER: PREV200200449998
TITLE: IFN-gamma-inducible expression of thymus and activation-regulated chemokine/CCL17 and macrophage-derived chemokine/CCL22 in epidermal keratinocytes and their roles in atopic dermatitis.
AUTHOR(S): Horikawa, Tatsuya; Nakayama, Takashi; Hikita, Ichiro; Yamada, Hidekazu; Fujisawa, Ryuichi; Bito, Toshinori; Harada, Susumu; Fukunaga, Atsushi; Chantry, David; Gray, Patrick W.; Morita, Atsushi; Suzuki, Ryuji; Tezuka, Tadashi; Ichihashi, Masamitsu; Yoshie, Osamu (1)
CORPORATE SOURCE: (1) Department of Microbiology, Kinki University School of Medicine, Osaka, 589-8511: o.yoshie@med.kindai.ac.jp Japan
SOURCE: International Immunology, (July, 2002) Vol. 14, No. 7, pp. 767-773. http://www.intimm.oupjournals.org. print.

ISSN: 0953-8178.
DOCUMENT TYPE: Article
LANGUAGE: English
TI IFN-gamma-inducible expression of thymus and activation-regulated chemokine/CCL17 and macrophage-derived chemokine/CCL22 in epidermal keratinocytes and their roles in atopic dermatitis.
AU Horikawa, Tatsuya; Nakayama, Takashi; Hikita, Ichiro; Yamada, Hidekazu; Fujisawa, Ryuichi; Bito, Toshinori; Harada, Susumu; Fukunaga, Atsushi; Chantry, David; Gray, Patrick W.; Morita, Atsushi; Suzuki, Ryuji; Tezuka, Tadashi; Ichihashi, Masamitsu; Yoshie, Osamu (1)

L13 ANSWER 49 OF 62 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
ACCESSION NUMBER: 2002:273516 BIOSIS
DOCUMENT NUMBER: PREV200200273516
TITLE: AMD3100, a CxCR4 antagonist, attenuates allergic lung inflammation and airway hyperreactivity.
AUTHOR(S): Lukacs, Nicholas W. (1); Berlin, Aaron; Schols, Dominique; Skerlj, Renato T.; Bridger, Gary J.
CORPORATE SOURCE: (1) Department of Pathology, University of Michigan Medical School, 1301 Catherine St., Ann Arbor, MI, 48109-0602: nlukacs@umich.edu USA
SOURCE: American Journal of Pathology, (April, 2002) Vol. 160, No. 4, pp. 1353-1360. http://ajp.amjpathol.org/. print. ISSN: 0002-9440.
DOCUMENT TYPE: Article
LANGUAGE: English
TI AMD3100, a CxCR4 antagonist, attenuates allergic lung inflammation and airway hyperreactivity.
AU Lukacs, Nicholas W. (1); Berlin, Aaron; Schols, Dominique; Skerlj, Renato T.; Bridger, Gary J.

L13 ANSWER 50 OF 62 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
ACCESSION NUMBER: 2002:253817 BIOSIS
DOCUMENT NUMBER: PREV200200253817
TITLE: Serum macrophage-derived chemokine (MDC) levels are closely related with the disease activity of atopic dermatitis.
AUTHOR(S): Kakinuma, T. (1); Nakamura, K.; Wakugawa, M.; Mitsui, H.; Tada, Y.; Saeki, H.; Torii, H.; Komine, M.; Asahina, A.; Tamaki, K.
CORPORATE SOURCE: (1) Department of Dermatology, Faculty of Medicine, University of Tokyo, 7-3-1 Hongo, Bunkyo-ku, Tokyo, 113-8655: KAKINUMAT-DER@h.u-tokyo.ac.jp Japan
SOURCE: Clinical and Experimental Immunology, (February, 2002) Vol. 127, No. 2, pp. 270-273. http://www.blackwell-science.com/cgilib/jnlpage.asp?Journal=cei&File=cei. print. ISSN: 0009-9104.
DOCUMENT TYPE: Article
LANGUAGE: English
TI Serum macrophage-derived chemokine (MDC) levels are closely related with the disease activity of atopic dermatitis.
AU Kakinuma, T. (1); Nakamura, K.; Wakugawa, M.; Mitsui, H.; Tada, Y.; Saeki, H.; Torii, H.; Komine, M.; Asahina, A.; Tamaki, K.

L13 ANSWER 51 OF 62 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
ACCESSION NUMBER: 2001:496534 BIOSIS
DOCUMENT NUMBER: PREV200100496534

TITLE: Effects of oral steroids on blood CXCR3+ and **CCR4** + T cells in patients with bronchial asthma.
AUTHOR(S): Kurashima, Kazuyoshi (1); Fujimura, Masaki; Myou, Shigeharu; Kasahara, Kazuo; Tachibana, Hideki; Amemiya, Norinao; Ishiura, Yoshihisa; Onai, Nobuyuki; Matsushima, Kouji; Nakao, Shinji
CORPORATE SOURCE: (1) Third Department of Internal Medicine, School of Medicine, Kanazawa University, 13-1 Takara-machi, Kanazawa City, Ishikawa, 920: kazu_k@d2.dion.ne.jp Japan
SOURCE: American Journal of Respiratory and Critical Care Medicine,
(September 1, 2001) Vol. 164, No. 5, pp. 754-758. print.
ISSN: 1073-449X.
DOCUMENT TYPE: Article
LANGUAGE: English
SUMMARY LANGUAGE: English
TI Effects of oral steroids on blood CXCR3+ and **CCR4**+ T cells in patients with bronchial asthma.
AU Kurashima, Kazuyoshi (1); Fujimura, Masaki; Myou, Shigeharu; Kasahara, Kazuo; Tachibana, Hideki; Amemiya, Norinao; Ishiura, Yoshihisa; Onai, Nobuyuki; Matsushima, Kouji; Nakao, Shinji

L13 ANSWER 52 OF 62 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
ACCESSION NUMBER: 2001:412581 BIOSIS
DOCUMENT NUMBER: PREV200100412581
TITLE: Effect of cyclophosphamide pulse therapy on chemokine receptor expression in patients with multiple sclerosis.
AUTHOR(S): Padmanabhan, Bharani (1); Karni, Arnon (1); Hancock, Wayne W.; Khoury, Samia J.; Weiner, Howard L.
CORPORATE SOURCE: (1) Boston, MA USA
SOURCE: Neurology, (April 24, 2001) Vol. 56, No. 8 Supplement 3, pp. A226. print.
Meeting Info.: 53rd Annual Meeting of the American Academy of Neurology Philadelphia, PA, USA May 05-11, 2001 American Academy of Neurology
. ISSN: 0028-3878.
DOCUMENT TYPE: Conference
LANGUAGE: English
SUMMARY LANGUAGE: English
TI Effect of cyclophosphamide pulse therapy on chemokine receptor expression in patients with multiple sclerosis.
AU Padmanabhan, Bharani (1); Karni, Arnon (1); Hancock, Wayne W.; Khoury, Samia J.; Weiner, Howard L.

L13 ANSWER 53 OF 62 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
ACCESSION NUMBER: 2001:185996 BIOSIS
DOCUMENT NUMBER: PREV200100185996
TITLE: The CC chemokines MDC and TARC induce platelet activation via **CCR4**.
AUTHOR(S): Abi-Younes, Sylvie; Si-Tahar, Mustapha; Luster, Andrew D. (1)
CORPORATE SOURCE: (1) Massachusetts General Hospital-East, 13th Street, Building 149, Charlestown, MA, 02129: luster@helix.mgh.harvard.edu USA
SOURCE: Thrombosis Research, (February 15, 2001) Vol. 101, No. 4, pp. 279-289. print.
ISSN: 0049-3848.
DOCUMENT TYPE: Article
LANGUAGE: English

SUMMARY LANGUAGE: English
TI The CC chemokines MDC and TARC induce platelet activation via **CCR4**
.
AU Abi-Younes, Sylvie; Si-Tahar, Mustapha; Luster, Andrew D. (1)

L13 ANSWER 54 OF 62 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
ACCESSION NUMBER: 2001:175535 BIOSIS
DOCUMENT NUMBER: PREV200100175535
TITLE: Thymus and activation-regulated chemokine in atopic dermatitis: Serum thymus and activation-regulated chemokine level is closely related with disease activity.
AUTHOR(S): Kakinuma, Takashi (1); Nakamura, Koichiro; Wakugawa, Motoshi; Mitsui, Hiroshi; Tada, Yayoi; Saeki, Hidehisa; Torii, Hideshi; Asahina, Akihiko; Onai, Nobuyuki; Matsushima, Kouji; Tamaki, Kunihiko
CORPORATE SOURCE: (1) Department of Dermatology, Faculty of Medicine, University of Tokyo, 7-3-1 Hongo, Bunkyo-ku, Tokyo, 113-8655 Japan
SOURCE: Journal of Allergy and Clinical Immunology, (March, 2001) Vol. 107, No. 3, pp. 535-541. print.
ISSN: 0091-6749.
DOCUMENT TYPE: Article
LANGUAGE: English
SUMMARY LANGUAGE: English
TI Thymus and activation-regulated chemokine in atopic dermatitis: Serum thymus and activation-regulated chemokine level is closely related with disease activity.
AU Kakinuma, Takashi (1); Nakamura, Koichiro; Wakugawa, Motoshi; Mitsui, Hiroshi; Tada, Yayoi; Saeki, Hidehisa; Torii, Hideshi; Asahina, Akihiko; Onai, Nobuyuki; Matsushima, Kouji; Tamaki, Kunihiko

L13 ANSWER 55 OF 62 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
ACCESSION NUMBER: 2001:115423 BIOSIS
DOCUMENT NUMBER: PREV200100115423
TITLE: Adenosine diphosphate strongly potentiates the ability of the chemokines MDC, TARC, and SDF-1 to stimulate platelet function.
AUTHOR(S): Gear, Adrian R. L. (1); Suttitanamongkol, Sudawadee; Viisoreanu, Delia; Polanowska-Grabowska, Renata K.; Raha, Sanghamitra; Camerini, David
CORPORATE SOURCE: (1) Department of Biochemistry and Molecular Genetics, University of Virginia Health Sciences Center, 1300 Jefferson Park Ave, Charlottesville, VA, 22908: alg4p@virginia.edu USA
SOURCE: Blood, (February 15, 2001) Vol. 97, No. 4, pp. 937-945. print.
ISSN: 0006-4971.
DOCUMENT TYPE: Article
LANGUAGE: English
SUMMARY LANGUAGE: English
TI Adenosine diphosphate strongly potentiates the ability of the chemokines MDC, TARC, and SDF-1 to stimulate platelet function.
AU Gear, Adrian R. L. (1); Suttitanamongkol, Sudawadee; Viisoreanu, Delia; Polanowska-Grabowska, Renata K.; Raha, Sanghamitra; Camerini, David

L13 ANSWER 56 OF 62 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
ACCESSION NUMBER: 2001:88906 BIOSIS
DOCUMENT NUMBER: PREV200100088906
TITLE: Allodynia resulting from the activation of sensory neuron

chemokine receptors.
AUTHOR(S): Tran, P. B. (1); Oh, S. B.; Gillard, S. E.; Bodner, A.; Hurley, R. W.; Hammond, D. L.; Miller, R. J.
CORPORATE SOURCE: (1) University of Chicago, Chicago, IL USA
SOURCE: Society for Neuroscience Abstracts, (2000) Vol. 26, No. 1-2, pp. Abstract No.-442.18. print.
Meeting Info.: 30th Annual Meeting of the Society of Neuroscience New Orleans, LA, USA November 04-09, 2000 Society for Neuroscience
. ISSN: 0190-5295.
DOCUMENT TYPE: Conference
LANGUAGE: English
SUMMARY LANGUAGE: English
TI Allodynia resulting from the activation of sensory neuron chemokine receptors.
AU Tran, P. B. (1); Oh, S. B.; Gillard, S. E.; Bodner, A.; Hurley, R. W.; Hammond, D. L.; Miller, R. J.

L13 ANSWER 57 OF 62 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
ACCESSION NUMBER: 2001:7523 BIOSIS
DOCUMENT NUMBER: PREV200100007523
TITLE: Modulation of experimental autoimmune encephalomyelitis: Effect of altered peptide ligand on chemokine and chemokine
receptor expression.
AUTHOR(S): Fischer, Falko R.; Santambrogio, Laura; Luo, Yi; Berman, Michael A.; Hancock, Wayne W.; Dorf, Martin E. (1)
CORPORATE SOURCE: (1) Department of Pathology, Harvard Medical School, 200 Longwood Ave, Boston, MA, 02115: dorf@hms.harvard.edu USA
SOURCE: Journal of Neuroimmunology, (October 2, 2000) Vol. 110, No.
1-2, pp. 195-208. print.
ISSN: 0165-5728.
DOCUMENT TYPE: Article
LANGUAGE: English
SUMMARY LANGUAGE: English
TI Modulation of experimental autoimmune encephalomyelitis: Effect of altered
peptide ligand on chemokine and chemokine receptor expression.
AU Fischer, Falko R.; Santambrogio, Laura; Luo, Yi; Berman, Michael A.; Hancock, Wayne W.; Dorf, Martin E. (1)

L13 ANSWER 58 OF 62 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
ACCESSION NUMBER: 2000:280069 BIOSIS
DOCUMENT NUMBER: PREV200000280069
TITLE: A key role for CC chemokine receptor 4 in lipopolysaccharide-induced endotoxic shock.
AUTHOR(S): Chvatchko, Yolande (1); Hoogewerf, Arlene J.; Meyer, Alexandra; Alouani, Sami; Juillard, Pierre; Buser, Raphaele; Conquet, Francois; Proudfoot, Amanda E. I.; Wells, Timothy N. C.; Power, Christine A. (1)
CORPORATE SOURCE: (1) Serono Pharmaceutical Research Institute, 14, Chemin des Aulx, 1228, Plan-les-Ouates, Geneva Switzerland
SOURCE: Journal of Experimental Medicine, (May 15, 2000) Vol. 191, No. 10, pp. 1755-1763. print.
ISSN: 0022-1007.
DOCUMENT TYPE: Article
LANGUAGE: English
SUMMARY LANGUAGE: English
TI A key role for CC chemokine receptor 4 in lipopolysaccharide-induced

endotoxic shock.
AU Chvatchko, Yolande (1); Hoogewerf, Arlene J.; Meyer, Alexandra; Alouani, Sami; Juillard, Pierre; Buser, Raphaele; Conquet, Francois; Proudfoot, Amanda E. I.; Wells, Timothy N. C.; Power, Christine A. (1)

L13 ANSWER 59 OF 62 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
ACCESSION NUMBER: 1999:364216 BIOSIS
DOCUMENT NUMBER: PREV199900364216
TITLE: Anti-HIV agent trichosanthin enhances the capabilities of chemokines to stimulate chemotaxis and G protein activation, and this is mediated through interaction of trichosanthin and chemokine receptors.
AUTHOR(S): Zhao, Jian; Ben, Li-Hong; Wu, Ya-Lan; Hu, Wei; Ling, Kun; Xin, Shun-Mei; Nie, Hui-Ling; Ma, Lan; Pei, Gang (1)
CORPORATE SOURCE: (1) Shanghai Institute of Cell Biology and Shanghai Research Center of Life Sciences, Chinese Academy of Sciences, 320 Yue Yang Road, Shanghai, 200031 China
SOURCE: Journal of Experimental Medicine, (July 5, 1999) Vol. 190, No. 1, pp. 101-111.
ISSN: 0022-1007.
DOCUMENT TYPE: Article
LANGUAGE: English
SUMMARY LANGUAGE: English
TI Anti-HIV agent trichosanthin enhances the capabilities of chemokines to stimulate chemotaxis and G protein activation, and this is mediated through interaction of trichosanthin and chemokine receptors.
AU Zhao, Jian; Ben, Li-Hong; Wu, Ya-Lan; Hu, Wei; Ling, Kun; Xin, Shun-Mei; Nie, Hui-Ling; Ma, Lan; Pei, Gang (1)

L13 ANSWER 60 OF 62 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
ACCESSION NUMBER: 1999:346650 BIOSIS
DOCUMENT NUMBER: PREV199900346650
TITLE: CCR5+ and CXCR3+ T cells are increased in multiple sclerosis and their ligands MIP-1alpha and IP-10 are expressed in demyelinating brain lesions.
AUTHOR(S): Balashov, Konstantin E.; Rottman, James B.; Weiner, Howard L.; Hancock, Wayne W. (1)
CORPORATE SOURCE: (1) LeukoSite, Inc., 215 First Street, Cambridge, MA, 02142
USA
SOURCE: Proceedings of the National Academy of Sciences of the United States of America, (June 8, 1999) Vol. 96, No. 12, pp. 6873-6878.
ISSN: 0027-8424.
DOCUMENT TYPE: Article
LANGUAGE: English
SUMMARY LANGUAGE: English
TI CCR5+ and CXCR3+ T cells are increased in multiple sclerosis and their ligands MIP-1alpha and IP-10 are expressed in demyelinating brain lesions.
AU Balashov, Konstantin E.; Rottman, James B.; Weiner, Howard L.; Hancock, Wayne W. (1)

L13 ANSWER 61 OF 62 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
ACCESSION NUMBER: 1999:55839 BIOSIS
DOCUMENT NUMBER: PREV199900055839
TITLE: Pivotal role of TARC, a CC chemokine, in bacteria-induced fulminant hepatic failure in mice.
AUTHOR(S): Yoneyama, Hiroyuki; Harada, Akihisa; Imai, Toshio; Baba, Masataka; Yoshie, Osamu; Zhang, Yi; Higashi, Hidemitsu;

Murai, Masako; Asakura, Hitoshi; Matsushima, Kouji (1)
CORPORATE SOURCE: (1) Dep. Molecular Preventive Med., Sch. Med., Univ. Tokyo,
7-3-1 Hongo, Bunkyoku, Tokyo 113-0033 Japan
SOURCE: Journal of Clinical Investigation, (Dec. 1, 1998) Vol. 102,
No. 11, pp. 1933-1941.
ISSN: 0021-9738.
DOCUMENT TYPE: Article
LANGUAGE: English
TI Pivotal role of TARC, a CC chemokine, in bacteria-induced fulminant hepatic failure in mice.
AU Yoneyama, Hiroyuki; Harada, Akihisa; Imai, Toshio; Baba, Masataka; Yoshie,
Osamu; Zhang, Yi; Higashi, Hidemitsu; Murai, Masako; Asakura, Hitoshi; Matsushima, Kouji (1)

L13 ANSWER 62 OF 62 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
ACCESSION NUMBER: 1998:71905 BIOSIS
DOCUMENT NUMBER: PREV199800071905
TITLE: RANTES and MIP-1alpha activate Stats in T cells.
AUTHOR(S): Wong, Mark; Fish, Eleanor N. (1)
CORPORATE SOURCE: (1) Dep. Med. Genetics Microbiol., Univ. Toronto, Rm. 73, FitzGerald Bldg., 150 College St., Toronto, ON M5S 3E2 Canada
SOURCE: Journal of Biological Chemistry, (Jan. 2, 1998) Vol. 273, No. 1, pp. 309-314.
ISSN: 0021-9258.
DOCUMENT TYPE: Article
LANGUAGE: English
TI RANTES and MIP-1alpha activate Stats in T cells.
AU Wong, Mark; Fish, Eleanor N. (1)